

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 1

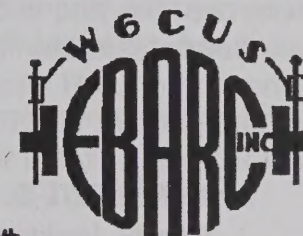
JANUARY 2005



EBARC Meeting

January 14, 2005
7:30 p.m.

Program
to be Announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
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FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Tuesday, Jan. 25

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I hope that all of our members had a wonderful holiday season. We are looking forward to the new year.

We have a few changes for 2005. We have rescheduled the monthly Board of Directors meeting to the Monday preceding the General Membership meeting, instead of the Friday preceding. Director John Wood, N6JDW has withdrawn from the Board due to press of other obligations.

Our web site continues to be under renovation. We hope to have it finished and online soon.

We have a temporary cover on the club station building for the winter, and are hoping to get a new roof on it in the spring or summer.

We continue with preparations for teaching our spring class for the General Class License theory. If you would like to help us teach, let Henry know.

Dues for 2005 will remain at the same level as 2004 (\$25.00). We hope that you will choose to renew, if you haven't already done so.

We hope to see you at the January meeting.

73, Randy KA6BQF

Treasurer's Report

December, 2004

Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

Membership Renewals; N6JDW, KB6WC, WI7YN, WB6VEX.....	\$100.00
Family Renewals; AC5RB/AC5QI, N6MNL/KD6OKJ	60.00
ARRL Renewal (WB6PIV).....	36.00
Coffee Kitty.....	8.95
KK6PH RF Survey floppies	20.00
Total Dec. Income.....	\$224.95

DECEMBER DISBURSEMENTS

Blown Fuse Printing	\$25.82
Blown Fuse Postage.....	16.65
Salvation Army (room).....	300.00
Salvation Army (canteen)	100.00
ARRL Renewal (WB6PIV).....	34.00
Refreshments (KG6ATH)	5.00
SBC (W6CUS).....	16.51
Total Dec. Disbursements.....	\$497.98

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,672.96
Savings (Station Fund*)	\$4,539.58

* \$500 earmarked for W6CUS Roofing Fund.

We are now collecting dues for 2005. Regular individual membership fee is \$25, family membership fee is \$30. Please renew your membership now. Send it to our El Cerrito P.O. Box (address is on the front of the *Blown Fuse*).

2005 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E

License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member?

☐ Yes

☐ No

Membership Type

☐ Regular

☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

General Meeting Minutes December 10, 2004

Sharon Primbsch, AA6XZ, Acting Secretary

Meeting called to order by President Randy (KA6BQF) at 7:36 p.m.

Secretary Bob (WB6VEX): The minutes of the previous meeting were accepted as published in the *Blown Fuse*. There is no new correspondence, since the post office box hasn't been visited since last month. There were 2 bulletins and 5 renewals received at the P.O. box last month.

Trustee Ralph (W6EFD): No news to report.

1st VP/Program Chair Peter (KB6WC): No news to report.

2nd VP/Hospitality Chair Texx (KG6ATH): Thanks go to Randy for baking muffins and coffee cake for this meeting. We should be able to get EBARC onto qsl.net soon. John Wood donated a 386 XT some time ago, and Texx got it to boot recently. There was discussion of the potential donation, also by John, of a hard disk.

3rd VP/Membership/Editor Sharon (AA6XZ): CCCC's/EBARC holiday party will be held at 1 p.m. on December 12th at Bakers Square in Concord. EBARC thanks HRO for its generous donation of 15 gift items for this joint party. When you renew your EBARC membership, please tell Sharon of any data changes.

Station Manager Stanton (KD6SWU): Thanks go to Bob Bowling (K6ZLG), Texx, and Randy for doing the labor to temporarily seal the club station roof with 10 mil plastic. *[Stanton did much of the labor also. – Editor]* Stanton donated the \$300 worth of materials, and Bob also donated some materials. Randy is especially praised for wielding the black gooey sealant. The club will renew the insurance on its equipment for a value of \$15,695.

Education Chair Henry (KK6PH): A General Class will be held this Spring. However, adult school procedures have changed, and applications are not available yet. Ivan will follow up with them to assure that our class is listed for Spring.

Field Day Co-Chair Peter (W6DEI): EBARC was 17th in the nation, and 2nd in California in the 3A category for 2004 Field Day.

Treasurer Gordy (NU6W): Read the November report which was published in the previous *Blown Fuse*. We are collecting dues for 2005 EBARC membership. Gordy explained that he often keeps donors

anonymous because the *Blown Fuse* circulates to people other than EBARC members, and this action may protect donors from unsolicited requests for money. There was a discussion of the \$147.76 that has been loaned from the General fund to the Station Fund for a few years. Sharon made a motion to make the loan a permanent transfer. It was seconded by John Wood, and passed.

Members-at-large: No reports.

President Randy (KA6BQF): Randy reminds us that Alan Eshleman, K6SRZ, will be operating T32CK from Christmas Island during the ARRL 10 meter contest this weekend. Randy also announced that the EBARC Executive Board voted to move its regular meeting to the Monday before each EBARC General meeting. It has previously been on the first Friday of the month. *[Reminder, the Board meetings are open to all EBARC members. - Editor]*

Robbie Robinson, N6MNL, announced that there is likely to be a technical net on the 4Cs 145.11 MHz repeater each Wednesday night at 7:30 p.m. local time. *[Robbie later informed me that the net will be held at 8:00 p.m. each Thursday - Editor]*

Ivan Sturman, WB6PIV, is investigating teaching non-club-related courses in electronics and astronomy at the adult school.

The business meeting adjourned at 8:08 p.m.

This month's program was an in-depth demonstration by Randy of Henry Primbsch's KK6PH "RFSURVEY" program (for DOS and Windows). Several members donated \$5 each to the club and received a copy of the program. One copy was won as a door prize, as was a subscription to *World Radio*.

KEEP YOUR BATTERIES CHARGED!

Packet Report for Nov., 2004 Ralph Hall, W6EFD, Packet SysOp

The W6CUS BBS received 1,190 incoming bulletins from its source, WA6ZTY. The average daily active bulletins was 448, highest day was 515, and the lowest day was 371. There were a total of 6 packet user log-ons. There was no BBS downtime during the month.

Future Bay Area Events

- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The sessions for 2005 are tentatively Jan. 23rd, Apr. 24th, July 24th, and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

ARRL RENEWS DEMAND FOR FCC TO SHUT DOWN NEW YORK BPL FIELD TRIAL *[excerpt from The ARRL Letter, 12/24/04]*

The ARRL has once again asked the FCC to shut down a BPL field trial now under way in Briarcliff Manor, New York. After the League's first shutdown request in October, the chief engineer of Ambient Corporation, which provides the pilot project's BPL hardware and holds the Experimental license, suggested that Amateur Radio interference complaints had been addressed through improved software and notching performance. Not so, says a December 17 letter to the FCC from ARRL General Counsel Chris Imlay, W3KD. "Based on the Commission's complete inaction to date with respect to documented interference complaints at various BPL test sites, the commitment seems vacuous," Imlay said. "ARRL demands that this BPL site be shut down immediately, pending compliance determinations and a demonstration that the system can operate without causing harmful interference." ARRL member Alan Crosswell, N2YGK, a resident of the community, has documented interference, complaints and related information on his "BPL in Briarcliff Manor" Web site <<http://www.columbia.edu/~alan/bpl/>>.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

2005 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	385-4044
Ralph Hall W6EFD, W6CUS Trustee & Packet SysOp.....	232-0727
Henry Primbsch KK6PH, Education	741-8227
Peter Hoffman W6DEI, Field Day Co-Chair	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair	
Joe Lee W6DOB, Awards Chair & Silent Key Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair.....	
Historian	
Bob Bowling, K6ZLG, Member-at-Large.....	233-5749

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Tech Net	Thurs	2000 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Rick, N6DQ, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Jim, KA3LL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, N7IX, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VD, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIIDGE, VA
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

1 2 STORE BUYING POWER



KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

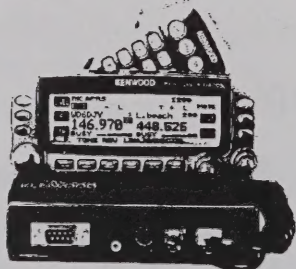
Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos., CTCSS
- VC-H1 Messaging Control

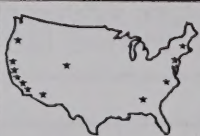
Low Pricing!



TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

**COAST TO COAST
FREE SHIPPING**
UPS • Most Items Over \$100



**Rapid Deliveries From
The Store Nearest To You!**

ICOM



IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

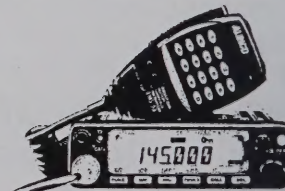
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

YAESU

VX-7R

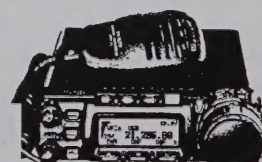
50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

Great Price!



NEW!



FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel

(YSK-857 required)

Call for Low Price!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

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CLUB STATION W6CUS

VOLUME LVIII NUMBER 2

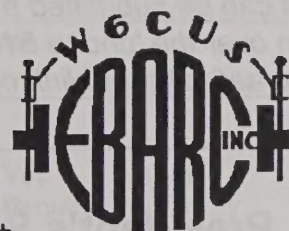
FEBRUARY 2005

EBARC Meeting

February 11, 2005

7:30 p.m.

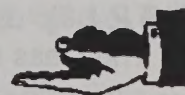
Swap Meet
Bring Your \$\$ and your Stuff



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at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonal, Richmond.

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Deadline for Mar. issue: Tuesday, Feb. 22

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I must report a sad occurrence. Darwin Thompson, K6USW, passed away from cancer on January 19th. Dar was the ARRL Section Technical Advisor, a past president of 4C's, and a long time member of EBARC. Dar was always ready to help out hams who had technical questions. He will be greatly missed. Please keep his wife, Victoria, KE6FSU and Dar's family in your thoughts and prayers.

We continue with preparations for teaching our spring class for the General Class License theory. If you would like to help us teach, let Henry, KK6PH, know. The class starts on Tuesday, April 5th.

Dues for 2005 will remain at the same level as 2004 (\$25.00). We hope that you will choose to renew, if you haven't already done so.

Thanks to our secretary, Bob Uhrhammer, WB6VEX, for providing our program for the January meeting. Bob spoke on the Great Sumatran Earthquake and Tsunami. We have

scheduled our annual swap meet for the February meeting.

We hope to see you at the February 11 meeting.

73, Randy KA6BQF

Treasurer's Report

January, 2005

Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

Membership Renewals; KE6ZWN, WS6V, WB6PIV, KD6SWU, KF6LGE, KE6EUA, KB6JDY.....	\$175.00
Family Renewals; W6THD/W6THB...	30.00
ARRL Renewal (W6DOB)	70.00
Coffee Kitty	18.50
Total Jan. Income.....	\$293.50

JANUARY DISBURSEMENTS

Blown Fuse Printing	\$46.55
Blown Fuse Postage.....	14.80
EBARC medals (J. Lee).....	32.00
W6CUS roof tarp (B. Bowling).....	40.00
ARRL Renewal (J. Lee).....	68.00
P. G. & E. (S. Gleason)	474.00
SBC (W6CUS).....	15.94
Marsh-Seabury-Smith (equipment insurance for 2005)	230.93
Marsh-Seabury-Smith (liability insurance for 2005)	330.00
Total Jan. Disbursements	\$1,252.22

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$3,164.74
Savings (Station Fund*)	\$3,814.08

* \$460 earmarked for W6CUS Roofing Fund.

Due to a breakdown in communications, a very large PG&E electric bill accumulated this past year. It was finally paid this month. The billing now goes directly to me at my home address. Our insurance bills are now paid for 2005.

Silent Key Darwin Thompson, K6USW

Darwin Charles Thompson, K6USW, died peacefully at home on Jan. 19, 2005 at age 62. He had a short but valiant battle with metastatic liver cancer. He was born in Vallejo on May 31, 1942. He leaves behind his wife, Victoria Thompson, KE6FSU, two sons, a daughter, two stepsons, and two granddaughters.

Darwin worked for Solano County as a telecommunications engineer. As the emergency services director, he was instrumental in bringing the 911 call boxes to Solano County roadsides.

Dar had been a ham since 1957, and was active in several local and national clubs. In addition to testing new equipment, he taught new ham classes and provided technical assistance to any ham who needed help with a station. He was a 4Cs officer, and championed the club's EchoLink system. Dar kept an eye on new technology in ham radio, and informed the rest of us in the ham community. He was also the ARRL East Bay Section Technical Coordinator and shared his knowledge on many a technical net. He will be sorely missed by the ham community.

Darwin was a long-time member of Fairfield Presbyterian Church. He had a gift for cooking, which led to many great meals enjoyed by the congregation. He organized the equipping of the new church kitchen.

At *Blown Fuse* press time, a memorial service is planned for Saturday, Jan. 29, 2005, at 2 p.m. at Fairfield Presbyterian Church, 2100 Pennsylvania Ave., Fairfield, Calif. A private burial is planned for Sunrise Memorial Cemetery, Vallejo.

The family suggests donations to the donors' choice of the National Multiple Sclerosis

Society, The American Cancer Society, or Gideon's Bible Society.

2005 EBARC Membership Renewal

Name _____

Call Sign _____

N T T+ G A E
License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

The @&# "PAST DUE" Stamp!

If you have "PAST DUE" stamped on the front of your *Blown Fuse*, our records show that you have not yet renewed for 2005. If you haven't renewed by mid-February, you won't receive the next issue of the *Blown Fuse*, and you won't be in the 2005 roster! We'll examine the mail in the EBARC post office box before we cut you off! If you're sure you renewed before a month ago, contact Gordy Parsons, NU6W, at 785-4290!

EBARC Swap Meet

The February 11th meeting will be a swap meet. Bring your surplus ham gear to sell and/or bring your money to buy from someone else. Sellers are asked to donate 10% of sales to the club treasury. Invite your friends!

EBARC Awards

At the January EBARC general meeting, awards chair Joe Lee presented club medals to Randy Jenkins, KA6BQF, and Gerry White, WB6IZE. Randy was honored for serving as our President, for his public service, for being an elmer, and for being a volunteer examiner. Gerry was honored for being our audio-visual guru (he recorded our most recent tech class in its entirety), an elmer, and an avid supporter of our club. EBARC thanks and congratulates you both!

Future Bay Area Events

- General Upgrade Theory Class begins in April and lasts 10 sessions. Watch this space for more information!
 - EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are Apr. 24th, July 24th, and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
-

KEEP YOUR BATTERIES CHARGED!

FCC RELEASES HUNDREDS OF PAGES OF BPL TEST DATA, FILINGS

[excerpt from The ARRL Letter, 01/07/05]

The FCC has made public more than 650 pages of technical presentations, correspondence and filings that it says it used in making its decision on the BPL Report and Order in ET Docket 04-37. The Commission adopted new rules to govern so-called Access Broadband over Power Line systems on October 14, but they have not yet become effective. The ARRL subsequently filed a Freedom of Information Act (FOIA) request that called on the FCC to release any studies the Commission had relied upon in deciding to embrace the technology. Some information contained in the documents has been blanked out or redacted.

The ARRL is continuing to review the extensive documentation in detail. ARRL Laboratory Manager Ed Hare, W1RFI, maintains that the FCC documents tend to back up assertions the League made in its filings.

"The FCC reports clearly show that BPL operating at the FCC Part 15 emission limits generates a strong RF signal for long distances along overhead power lines," Hare said. "The FCC data showed noise that was many decibels above otherwise quiet ambient noise levels." Hare said that even in spectrum notched out by BPL system providers, the FCC-provided reports indicate a measurable increase in noise levels on amateur frequencies.

Approximately 150 pages of the documentation consisted of technical material and presentations by FCC staffers. The remaining 500-plus pages include correspondence, technical reports and interference complaints from radio amateurs to the FCC. Falling into the last category is extensive correspondence involving the Alliant Energy BPL field trial in Cedar Rapids, Iowa. That pilot project was abandoned after difficulties in resolving interference issues with local radio amateurs proved insurmountable.

In an interview January 3, OET Deputy Chief Bruce Franca asserted there's enough spectrum to permit Amateur Radio and BPL to coexist. Franca, who heads the Commission's BPL Task Force, spoke with Broadband over Power Line World's Marc Strassman <<http://www.etopiamedia.net/bplw/pages/bplw16-5551212.html>>. "There are enough frequencies that amateurs can operate and BPL can operate in a compatible mode," Franca told Strassman. Franca also expressed confidence in technological solutions to any Amateur Radio-BPL interference issues that might arise. "I'm very optimistic at the end of the day," he said. "Technology is going to solve this problem."

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz. For alternate access to the W6CUS-1 packet BBS, first connect to SK3ND, then to W6CUS-1.

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Tech Net	Thurs	2000 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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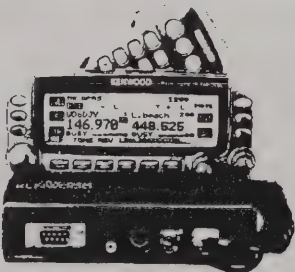
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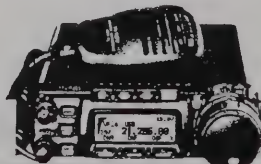
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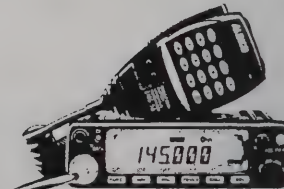
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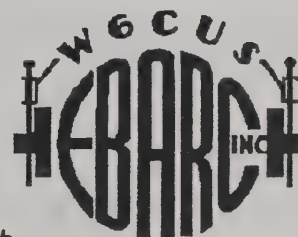
VOLUME LVIII NUMBER 3

MARCH 2005

EBARC Meeting

March 11, 2005
7:30 p.m.

"Public Service Update"
Randy Jenkins, KA6BQF



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Apr. issue: Tuesday, Mar. 22

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Spring is just around the corner, and we move forward into the year. The season for public service opportunities is just around the corner. EBARC is looking forward to participating in the Grizzly Peak bike ride in May, and many other events will be looking for volunteers. As always, the organizations and participants that we serve with our communications skills are thankful for our time and effort, and it is a great way to give something special back to the community.

Field Day preparations are under way. Our Field Day Co-chair, W6DEI, Peter, reports that we have our site at the Berkeley Marina reserved, and that planning for antennas and other logistics is under way. We still need volunteers to captain some positions, so if you would like to help, we will find you something to do.

We will begin teaching the Element 3 General Theory class at the West Contra Costa Adult School on Tuesday, April 5. If you need this element for advancement, this is your opportunity. We have once again arranged for this to be a no-fee class. Ivan, WB6PIV, also

reports that there will be a class this Spring at the same location on general electronic theory. This is a fee class, and is available through the regular registration process.

The Dayton Hamvention is coming up in the middle of May. From what I've read, it promises to be the biggest event ever. It will be interesting to see what new equipment is introduced by the manufacturers at the show.

Our March program will be on public service. I will have a few things to say on the subject.

We have scheduled for our ARRL Pacific Division Director to be our speaker at the April meeting.

We hope to see you at the March 11 meeting.

General Theory Upgrade Course

EBARC is teaching a class to help you pass the Element 3 FCC Amateur Radio exam (General Class theory). It's being given via the West Contra Costa Adult Education organization. Class starts April 5, and meets Tuesdays 7:00 – 9:30 p.m. The ARRL General Class Manual will be available for purchase for about \$20. The last class session will be an ARRL-VE test session (Tech, General, and Extra theory only). The test session fee is \$14. If you already have credit for Technician and 5 wpm CW, and you pass the General written test, you'll have your General ticket right away! For more information, contact Ivan, WB6PIV, at 524-9021.

Members who receive the *Blown Fuse* via email will get the 2005 roster this month via snail mail, with just the *Blown Fuse* front page – Ye Olde Editor, Sharon AA6XZ

Treasurer's Report

February, 2005

Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

Membership Renewals; KG6VMA, WI6O,
KF6WNH, KF6RGH, KF6IHW, AC6QV,
K3MHD, N6JGC, KE6ZWO, KE6RS,
N6AVB, AB6VB, N6SPY, AG6VMD,
KE6FSU \$375.00
Donations 30.00
Family Renewal W6KNO & Martha... 30.00
Swap Meet sales 64.60
Coffee Kitty..... 15.50
Total Feb. Income..... \$515.10

FEBRUARY DISBURSEMENTS

Blown Fuse Printing \$22.19
Blown Fuse Postage 15.54
P. G. & E. 33.18
SBC (W6CUS) 16.09
Refreshments (T. Woodworth) 1.50
Total Feb. Disbursements..... \$88.50

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,514.42
Savings (Station Fund*) \$3,891.00

* \$460 earmarked for W6CUS Roofing Fund.

Renew your ARRL membership through
EBARC. The club gets a small commission.

Intro to Electronics Course

Ron Jacobs, WA6CCF

An adult education course, "Introduction to Electricity and Electronics", will be taught beginning Wednesday, April 6. The course will begin with the basics of electricity, and over eight sessions, will advance through electronic components such as resistors, capacitors, transistors, and integrated circuits, and is expected to finish with some relatively simple electronic circuits. This course is a good follow-up for those who have taken or will take the adult education amateur radio

licensing course. The class will meet Wednesday evenings from 6:30 to 8:30 at the Alvarado Adult School near Carlson Blvd. and Interstate 80. The charge for the class is \$48 and there will be an optional text, that the instruction will be based on, which will be available for about \$18. For more information call me, Ron Jacobs, WA6CCF at 525-0212.

General Meeting Minutes

January 14, 2005

Bob Uhrhammer, WB6VEX, Secretary

Meeting called to order by President Randy (KA6BQF) at 7:36 p.m. The agenda was accepted as presented.

Secretary Bob (WB6VEX): The minutes of the previous meeting were accepted as published. The correspondence consisted of two membership renewals and a Valley of the Moon ARC Bulletin.

Trustee/Sysop Ralph (W6EFD): The BBS locked up twice and rebooted successfully each time.

First VP Peter (KB6WC): The scheduled programs are a swap meet in February, Randy (KA6BQF) on public service in March and ARRL Pacific Division Director Bob Vallio (W6RGG) in April.

Third VP Sharon (AA6XZ): Lots of renewals have been received. Will put labels on postcards to send to members who have not renewed. There were several visitors. The roster will be published in March.

Station Manager Stanton (KD6SWU): Paid PG&E bill.

Education Chair Henry (KK6PH): Ivan (WB6PIV) reported that he and Henry finalized course outline and there will be 10 sessions

starting on April 4th and there will be a VE session at the last class meeting. The tech session will be available on video courtesy of Gerry (W6IZE). Also there will be a VE session on June 23rd in Oakland.

Treasurer Gordy (NU6W): Reported that he is still collecting dues.

President Randy (KA6BQF): Everything that he was going to report on has already been covered.

Joe (W6DOB): Presented award to Randy (KA6BQF) and has award to present to Gerry (W6IZE).

Adjourned at 7:51 PM.

A program on the Great Sumatra Earthquake and Tsunami was presented by Bob (WB6VEX).

General Meeting Minutes February 11, 2005

Bob Uhrhammer, WB6VEX, Secretary

Meeting called to order by President Randy (KA6BQF) at 7:36 p.m. The agenda was accepted as presented.

Secretary Bob (WB6VEX): The acceptance of the minutes of the previous meeting was tabled pending publication in the *Blown Fuse*. The correspondence consisted of 15 membership renewals and a Marin ARC Bulletin.

Trustee/Sysop Ralph (W6EFD): Nothing to report at this time.

First VP Peter (KB6WC): Randy (KA6BQF) will give a talk on public service at the March meeting and ARRL PDD Bob Vallio (W6RGG) will talk at the April meeting.

Second VP Texx (KG6ATH): Goodies at break. Remember to feed kitty.

Third VP Sharon (AA6XZ): Apologies for postcard late notices to those who had already renewed. Roster will be published with the March *Blown Fuse*.

Education Chair Henry (KK6PH): Ivan reported that the general upgrade theory class will start April 4th. Randy reported that the Marin ARC will be presenting a code class.

Field Day Co-Chair Peter (W6DEI): Field Day going ahead as planned. Plans include the need for narrow filters for SSB, a phased vertical array for CW, and an inventory of the club's equipment to minimize the amount of gear that is transported to the FD site. Also, the ARRL has changed the Field Day rules this year.

Treasurer Gordy (NU6W): Reported that there were three major bills this month, equipment insurance, club liability insurance, and the PG&E bill.

Station Manager Stanton (KD6SWU): Reported that the club station is up and that the door closes.

President Randy (KA6BQF): Reported that there are plans to shut down the alternate SK3ND packet node to the club's packet station W6CUS-1.

Good-of-the-Order: Ivan (WB6PIV) reported that there is interest in compiling a WW2 Vet history and to see www.loc.gov for details. Joe (W6DOB) in taking badge requests and all silent key info reported to him will be forwarded to the ARRL.

Adjourned for refreshments followed by a swap meet.

Keep Your Batteries Charged!

Packet Report for 12/04 and 1/05

Ralph Hall, W6EFD, Packet SysOp

The W6CUS BBS received 1,212 incoming bulletins from its source, WA6ZTY in December and 1,285 in January. The average daily active bulletins were 459 and 432, respectively. The highest days were 554 and 527, respectively. The lowest days were 346 and 382, respectively. There were a total of 8 packet user log-ons in both December and January. There was no BBS downtime during December. In January there were two unexplained down times totaling a few hours (required only resetting the AA4RE program).

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is April 2005!
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are Apr. 24th, July 24th, and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

[The list of officers and nets has been omitted to reduce printing costs. It will return next month. – Ye Olde Editor]

ARRL STAFFER TESTIFIES ON BPL AT CA HEARING

[excerpt from The ARRL Letter, 02/10/05]

ARRL staff member Dean Straw, N6BV, testified February 8 in San Francisco at a California Public Utilities Commission (CPUC) public hearing on broadband deployment--including BPL. In his nearly six-minute testimony on the draft policy decision crafted by CPUC member Susan P. Kennedy, "Broadband Deployment in California," Straw--an electrical engineer and an ARRL technical editor--decried the fact that the section of the document dealing with BPL--broadband over power line--neglected to mention the technology's disadvantages.

"I feel there is further work necessary on the sections dealing with broadband over power line--BPL," Straw testified. "There is not a single mention made of the three most significant disadvantages of BPL." These, he continued, include interference from BPL to radio receivers, interference to BPL from radio transmitters and a lack of bandwidth for expansion, especially in instances where BPL interference must be mitigated in some fashion. "We are not opposed to Internet broadband services," Straw maintained on behalf of the Amateur Radio community at large. "We're not categorically opposed to Access BPL, but we are opposed categorically to interference."

The broadband policy Kennedy drafted calls for California to "encourage deployment of BPL by its electric utilities by providing regulatory certainty in the areas of its affiliate transaction rules, in the treatment of BPL program expenses and revenues, and exemption from Section 851 requirements for the use of utility assets." And it says the CPUC "should adopt this policy framework proactively without waiting for an application to be filed by an electric utility for a BPL project."

Straw said the broadband policy appears to represent "a wholesale embracing" of BPL. "I urge caution in that," he said. "There is still a great deal of science that has not been done on BPL in terms of interference and interference mitigation."

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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- Backlit Front Key Panel

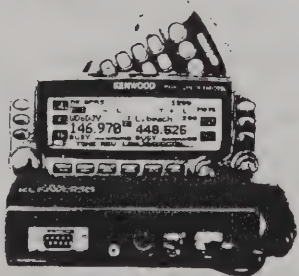
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- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

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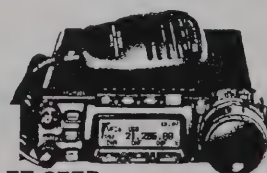
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VX-7R

- 50/2M/220/440 HT
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- 900 Memories
- 5W TX (300mw 220MHz)
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- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
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- AF-DSP • Plug and Play Filters - No Soldering
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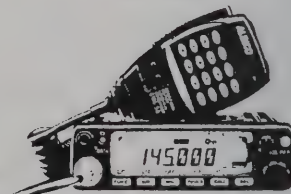
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- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

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- Enhanced Digital Signal Processing
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- Collins SSB filter built-in
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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 4

APRIL 2005

EBARC Meeting

April 8, 2005
7:30 p.m.

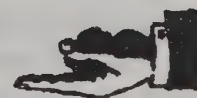
Bob Vallio, W6RGG
ARRL Pacific Division Director



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Tuesday, Apr. 26

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

As most of you have heard, Henry Primbsch, KK6PH, passed away on March 6. Henry was our education chair, VE group liaison, technical advisor, and most of all, friend and mentor to many of us. Henry gave freely of his time to our club and to others. His presence, wisdom, and sense of humor will be greatly missed.

Sharon, AA6XZ will assume the responsibility of the VE group liaison. I will be the interim education chair until someone else comes forward.

We continue preparations for teaching the Element 3 General Theory class at the West Contra Costa Adult School which begins on Tuesday, April 5. If you need this element for advancement, this is your opportunity. We have once again arranged for this to be a no-fee class. The text is the ARRL General License Manual, Fifth Edition. The class meets each Tuesday evening at 7:00 PM (19:00) for ten sessions, with a VE exam on

the final evening. We could still use a couple of additional instructors.

We will be looking for volunteers to participate in the Grizzly Peak bike ride on Sunday, May 1st. If you are available to help, please contact Rich, KD6JCT, kd6jct@yahoo.com. There is also a list of some other future public service events that you may wish to consider.

Field Day preparations continue. Our Field Day Co-chair, W6DEI, Peter, reports that we have our site at the Berkeley Marina reserved, and that planning for antennas and other logistics is under way. We still need volunteers to captain some positions, so if you would like to help, we will find you something to do.

We have scheduled Bob Vallio, W6RGG, our ARRL Pacific Division Director to be our speaker at the April meeting.

We hope to see you at the April 8th meeting.

Public Service Opportunities

Randy Jenkins, KA6BQF

- Sunday, May 01 Grizzly Peak Century Bike Ride Contact: KD6JCT@yahoo.com
- Saturday, June 25 Double Dipsea Trail Run Contact: ka6bqf@arrrl.net Saturday, August 6 Marin Century Mt Tam Bike Ride Contact: ka6bqf@arrrl.net
- Saturday, August 20 Holstein Hundred Bike Ride Contact: ka6bqf@arrrl.net

DXCC Honoree (Almost)

As soon as the card from VU4RBI (Andaman Islands) arrives, Alan Eshleman, K6SRZ, will officially be on the DXCC Honor Roll (326 current entities confirmed). It took him 8.5 years. Congratulations!

Local QRPer Busted

A local ham, well known for (what he said were) his QRP activities and homebrew rigs was the subject of a pre-dawn raid by the enforcement arm of the FCC. Lirpa Loof was charged for running a 5000 watt station. "I should have realized that something was wrong when the bamboo spreaders of my quad caught fire," said Loof ruefully.

A Radio Shack milliammeter, mislabeled as being a microammeter, seems to have been the culprit. "I couldn't get proper power output," Said Loof, "so I just kept on adding to the final amp. I had just achieved what I thought was five watts out when my SWR went haywire. I looked out to check my antenna just as the fire department rolled up.

All equipment was impounded. "I never seized an amplifier before that consisted of nine thousand 2N2222s running in parallel," said Rufus Bluthund, the special FCC investigator assigned to the case. "We're using it to heat our office now."

No information was available on Loof's application for the first 10 meter HF CW QRP ARRL DXCC EME award.

[Adapted from the April 1992 issue of Chirps and Clicks and Spurious Emissions, published by the Kalamazoo (MI) Amateur Radio Club.]

Packet Report for February 2005

Ralph Hall, W6EFD, Packet SysOp

The W6CUS BBS received 1,120 incoming bulletins from its source, WA6ZTY, in February. The average daily active bulletins was 442. The highest day was 492, and the lowest day was 295. There were a total of 5 packet user log-ons. The BBS was down 5 days, Feb. 20-24, because station electrical power was off.

Silent Key

Henry Primbsch, KK6PH

Henry was born February 8, 1939 in San Francisco and died in Richmond on March 6, 2005 at age 66.

He earned a Bachelor of Science degree at UC Berkeley's College of Engineering in 1961. His career supporting research in space physics at Berkeley spanned more than 40 years. Work took him to many states, India, Brazil, Australia, Russia, and Antarctica, for field trips to launch research balloons, rockets, and satellites. He was a master of "kludges" that saved projects in the field. He designed the electronics for the microphone that landed on Mars.

Henry was a sage and mentor to colleagues, family and friends. He could fix most things mechanical and electronic. He was a patient teacher who simplified technical material. He rebuilt a car engine and added a room to his house. He also loved to travel.

Henry has been a ham since 1990, when he wanted to "phone home" daily on his first field trip to Antarctica. Wife Sharon, AA6XZ, [aka *Ye Olde Editor*] became a ham at the same time. He volunteered for many public service and emergency preparedness events. He was Field Day chair a few times. He enjoyed setting up for Field Day, including figuring out optimum antenna placement. He was an ARRL volunteer examiner, and served as the liason for the EBARC/ORCA VE team. He loved his role as educator, elmer, and mentor.

Henry had a wonderful sense of humor, and was generous and easygoing. He loved animals, kids, and all things scientific. He is survived by loving family and friends. At his request, ashes will be scattered at sea at a private service. Memorial donations can be made to the American Cancer Society.

Treasurer's Report
March, 2005
Gordon Parsons, NU6W, Treasurer

MARCH INCOME

Membership Renewals; KC6ONS, K6SPZ,
W6NGE, WA6QJT, KC6JXB, KE6DYR,
N6VIF, KF6KWJ, W6WTJ \$225.00
Radio Purchase Donation (AD6OO) 100.00
Coffee Kitty..... 8.00
Total Mar. Income..... \$333.00

MARCH DISBURSEMENTS

Blown Fuse Printing \$36.37
Blown Fuse Postage 22.94
EBARC medals (J. Lee) 58.00
P. G. & E. 35.38
SBC (W6CUS) 16.03
ARRL (6th District QSL Bureau)..... 10.00
Total Mar. Disbursements..... \$178.72

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,612.11
Savings (Station Fund*) \$3,947.59

\$460 earmarked for W6CUS Roofing Fund.

Renew your ARRL membership through
EBARC. Every renewal and new membership
helps EBARC get a small commission. It
strengthens our membership in ARRL.

General Meeting Minutes
March 11, 2005

Bob Uhrhammer, WB6VEX, Secretary

Meeting called to order by President Randy
(KA6BQF) at 7:30 p.m. The agenda was
accepted as presented.

Secretary Bob (WB6VEX): The minutes of the
previous two meetings were accepted as
published in the *Blown Fuse*. The
correspondence consisted of a renewal notice
from *World Radio* and a *West Contra Costa*

Adult Education Spring/Summer Course
Catalog which listed our "General Class
Amateur Radio License Emergency
Communication" course which begins on April
5th.

Station Manager Stanton (KD6SWU): Sorry for
the five-day power outage, which was caused
by a breaker being turned off. There will be a
cleanup of the club station starting at 10 a.m.
this Saturday in preparation for an inspection
by the Red Cross.

Treasurer Gordy (NU6W): Gave an interesting
account of the treasurer's report and the
officers from the February 1975 *Blown Fuse*.
He then gave the treasurer's report for this
month.

First VP/Program Chair Peter (KB6WC): April
Meeting program will be an update on League
activities by Bob Vallio, our Pacific Division
ARRL Director. Peter is trying to get a speaker
from Oregon to talk about Amateur Radio
activities there.

Third VP/Membership/Editor Sharon (AA6XZ):
Sharon reported on renewals. Henry (KK6PH)
passed away last Sunday and Sharon will take
over as VE liaison. The next VE session is
April 24th.

Education Chair: Randy (KA6BQF) is the
temporary chair. The General Class will begin
April 5th 7-9:30 p.m. at Alvarado School and it
will cover Element III of the test.

Field Day Co-Chair Peter (W6DEI): Reported
that the Caesar Chavez Park has been
reserved for Field Day. Bob (WB6VEX), Bob
(K6ZLG) and Peter (W6DEI) volunteered to
work on the FD antenna committee and they
are considering a 2 element phased vertical
arrays for 40 meter CW and 75 meter SSB.
Anyone else interested in the antenna design
is welcome. The club equipment will be
inventoried and only the equipment/hardware
deemed necessary will be transported to the
FD site.

Member-at-Large Bob (K6ZLG): Nothing to add.

President Randy (KA6BQF): Reported that there is a new feature in QST "Getting to know your radio". He also mentioned the Dayton Hamvention, which will take place May 20-22, 2005 in Trotwood, Ohio. See URL: <http://www.hamvention.org/> for details.

New Business: Alan Eshleman (K6SRZ) proposed that we send \$10 to CA QSL Bureau to cover cost of mailing QSL cards. Peter (W6DEI) seconded the motion and it passed.

Ivan (WB6PIV) reported that the Red Oak Victory has moved to Pier 6A.

Bob (WB6VEX) made a motion that the meeting be adjourned in memory of Henry (KK6PH). Peter (W6DEI) seconded the motion. The motion passed and the meeting was adjourned at 8:10 p.m. for refreshments.

A program on Public Service was presented by President Randy (KA6BQF).

Learning the Code

Michael E. Hole, KG6DER

Several times in the past I made a stab at learning Morse Code. However, each time I would get to the fourth letter ('N' in the standard teaching order) and my brain would just go on the fritz. I just could not hear the difference between A (the third letter taught) and N. Despite being a Ham, only hearing something is the worst way for me to retain information. If there is no visual component to something it just won't stick in my brain. Fortunately there is hope for those poor souls in my predicament. It's a program called "Code Quick 2000" and for me it worked. It not only has a different letter teaching order than the "standard" method, it also includes the visual component that I need to be able to learn

anything well. In the case of Code Quick it takes two parts. You learn each character with a phonetic phrase that matches the dits and dahs of each character. For example, for the letter D the phonetic is "DOG did it" (-..). Each phonetic has an amusing drawing as the second part. It helps to attach that visual image to each letter so I can remember it better. I'll leave it to your imagination for what that one is for D.

It comes with 12 groups of lessons (called "Takes"), and each has 5-7 parts. Each teaches you 3-5 characters per Take. With the program set at 5 words per minute it takes about 1 and a half to 2 hours to get through each group. The advertisements say you can learn the code in 12 days. I tried that, but having to work late a couple of nights put me off schedule, so a few times I was not able to get through a full take. Even with that, I was ready to take my test after three weeks. Had that not happened, I would like to believe I would have finished in 12 days. You can get more information and purchase the program online for \$34.95 at <http://www.cq2k.com/>. If you want to learn the code but, like me, really need to SEE something to learn it, then I highly recommend the program. And yes, I did pass the test.

[Michael is the editor of the ORCA newsletter.]

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is June 2005!
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)

- General Upgrade Theory Class begins in April and lasts 10 sessions. Contact Randy Jenkins for more info at 526-4089.
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are Apr. 24th, July 24th, and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

HAM RADIO SAVES A HAM IN ALASKA

[excerpt from The ARRL Letter, 02/26/05]

Two Alaskan hikers on a day outing in rugged mountains near Anchorage saw their afternoon turn into something entirely unexpected February 12. One of them--Jesse Jones, KL1RK--slipped and fell more than 200 feet down a steep ravine, losing his snowshoes in the process. Jones found himself trapped between a low overhang on one side and a swift-moving stream on the other. Even worse was the fact that his descent could continue into the water at any moment, and almost certain death from hypothermia. With more than 10 feet on the ground, the loss of his snowshoes meant he could not walk out. On the plus side, Jones had taken along his 2-meter handheld transceiver. After several unsuccessful tries, he finally was able to access the wide-area WL7CVG repeater atop Mt Susitna, almost 40 miles distant.

"As a control operator for the repeater, I heard his weak 'Mayday! Mayday! Mayday!' call just a few minutes after 4 PM local time," reports Jim Wiley, KL7CC. "I immediately called 911 and was placed in contact with the local fire department rescue coordinator. I was able to pass on Jesse's messages to the local rescue coordinator, including coordinates from a GPS unit he was carrying." Wiley says the rescue coordinator's office called out the local mountain rescue group and the Alaska State Troopers, who immediately left for the scene.

The rescue team met with Jones's climbing partner, who had been able to hike out to a place where he could assist the rescuers. Jones was able to keep in touch via 2 meters to report his condition, but his signal into the repeater was marginal. Although uninjured, the sub-zero cold was numbing his extremities to the point that he was having trouble operating his transceiver.

Unable to execute the rescue themselves, the team called an Air National Guard unit, which flew a helicopter to the scene. While the presence of high-voltage power lines just above Jones' position complicated matters, the chopper was able to lower some para-rescue jumpers to a nearby location, from which they could rappel to his position and, after a few hours, extricate him.

Briefly hospitalized for a checkup, Jones was released just before midnight, cold and a bit hungry, but otherwise okay. Wiley says several local hams also assisted the effort, either directly or by their connection with local emergency service groups.

Additional details of the rescue and photos are available on the ARRL Web site

<<http://www.arrl.org/news/features/2005/02/24/1/>>.

FCC MORSE, RESTRUCTURING PROPOSALS

[excerpt from The ARRL Letter, 03/04/05]

The FCC continues to work toward developing a Notice of Proposed Rule Making (NPRM) that will spell out what the Commission has in mind with respect to possible changes in the current Morse code requirement and Amateur Radio licensing.

A total of 18 petitions have been filed, including one from the ARRL, seeking Part 97 rule changes addressing the future of the 5 WPM Morse requirement (Element 1) and revisions to the overall Amateur Radio licensing structure. The FCC is planning to tackle all 18 rulemaking petitions within the framework of a single proceeding.

As far as the code issue is concerned, petitions--and comments in response to them--run the gamut from retaining or even beefing up the Morse requirement to eliminating it altogether. (The ARRL's proposal would retain the 5 WPM Morse examination for Amateur Extra class applicants only.) The League and others have also put forth proposals for a new entry-level Amateur Radio license class.

At this point, personnel in the FCC Wireless Telecommunications Bureau are continuing to review the thousands of comments filed on the 18 petitions. While the FCC appears unlikely to release an NPRM any sooner than mid-2005, the issue still may be a major discussion topic during the FCC Forum at Dayton Hamvention, May 20-22.

Once public, the NPRM will initiate yet another round of public comments--this time on what the FCC has proposed. An FCC Report and Order to implement any new rules regarding Morse code and license restructuring is unlikely before the second half of 2006.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Tech Net	Thurs	2000 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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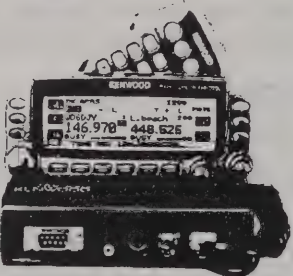
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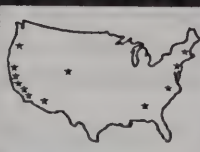
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- 900 Memories
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- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
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Great Price!



FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel
(YSK-857 required)

Call for Low Price!

ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



IC-706MKIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

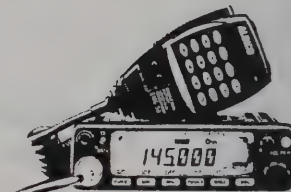
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IC-756 PRO II All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 5

MAY 2005



EBARC Meeting

May 13, 2005
7:30 p.m.

Program
to be announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: Tuesday, May. 24

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

Treasurer's Report

April, 2005

Gordon Parsons, NU6W, Treasurer

APRIL INCOME

Membership Renewals; KQ6OX.....	\$25.00
HRO Advertising Fee	180.00
Coffee Kitty.....	12.25
Total Apr. Income	\$217.25

APRIL DISBURSEMENTS

Blown Fuse Printing	\$22.95
Blown Fuse Postage	14.43
P. G. & E.	29.73
SBC (W6CUS)	16.37
World Radio Subscription	65.00
Total Apr. Disbursements	\$148.48

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,715.03
Savings (Station Fund*)	\$3,913.74

\$460 earmarked for W6CUS Roofing Fund.

Ham Radio Outlet in Oakland is the place to shop for your ham radio needs. See their advertisement on the back of each *Blown Fuse*. Ask for the manager, Mark WI7YN, and

tell him you're a member of EBARC and see what happens.

EBARC Roster Update

- **WRONG CITY:** Bill Isakson, AC6QV, lives in El Cerrito, not Berkeley. The remainder of his information in the roster is correct.
- **RENEWING MEMBER:** Technician Robert "Texx" Woodworth, KG6ATH, lives at 600 Coventry Rd., Kensington CA 94707. His phone is 524-7452.
- **NEW ADDRESS & PHONE:** John Wood, N6JDW, and Marjorie "Midge" Wood, KF6OGC have moved. They now live at 2710 Kevin Rd., San Pablo, CA 94806. Their new phone is 741-7050

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is June 2005!
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicshelfmarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
- General Upgrade Theory Class begins in April and lasts 10 sessions. Contact Randy Jenkins for more info at 526-4089.
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are July 24th and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, e-mail to w6cus1@juno.com, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9671
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Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor	741-8227
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Publicity Chair	
Joe Lee W6DOB, Awards Chair & Silent Key Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair.....	
Historian.....	
Bob Bowling, K6ZLG, Member-at-Large.....	233-5749

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Tech Net	Thurs	2000 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

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(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
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(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
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(800) 854-6046
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SUNNYVALE, CA
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(800) 854-6046
Rick, N6DQ, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Jim, KA3LL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

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(800) 854-6046
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Tigard-99W exit
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Joe, KD0GA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

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Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

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Mark, KJ4V0, Mgr.
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atlanta@hamradio.com

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- IF Stage DSP • Built-in TNC, DX packet cluster
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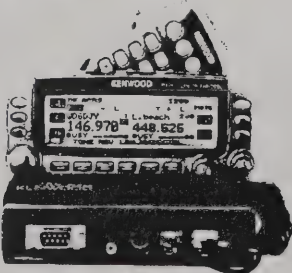
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- VC-H1 Messaging Control

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- 50w VHF 35w UHF • Opt. Voice Synthesizer
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- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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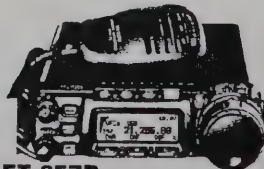
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VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
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Great Price!



FT-857D

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- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

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FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
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2210 Livingston St., 94606
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I-880 at 23rd Ave. ramp
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IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO II All mode Transceiver

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The Ultimate Radio!

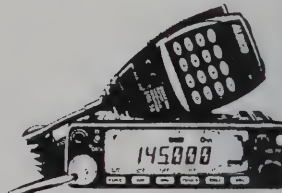
ALINCO



DJ-196T 2M/HT

- 5 Watt out
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- CTCSS + DCS built in
- "S" meter
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DR-135TP 2M mobile

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- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 6

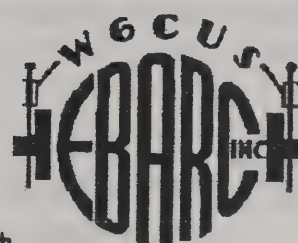
JUNE 2005



EBARC Meeting

June 10, 2005
7:30 p.m.

Planning for Field
Day, June 24-26



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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Deadline for July issue: Tuesday, Jun. 21

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

The past two months have been busy for me and for the club as well. We provided communications and sag support for the Grizzly Peak Bike ride. Thanks to all of you from EBARC and CCCC who participated, and a special thanks to Dave from YARS. Once again we did a really good job.

We have almost wrapped up teaching the Element 3 General Theory class at the West Contra Costa Adult School. We will have a VE session with our students on June 7th. Let us know which license class we should address next, to best serve our members.

We will be looking for volunteers to participate in the Boy Scout Hike on Saturday, June 4th. If you are available to help, please contact Rich, KD6JCT, kd6jct@yahoo.com. I also have several public service opportunities coming up in June and August, as the coordinator for the Marin Club. Please contact me if interested. ka6bqf@arrl.net

Field Day is coming up this month and preparations are continuing. Our Field Day co-chair, W6DEI, Peter, reports that we have our site at the Berkeley's Cesar Chavez Park reserved, and that planning for antennas and other logistics is underway. Texx is building a transport box for the SSB station beam antenna. We still need volunteers to captain some positions, so if you would like to help, we will find you something to do. Our program at the June meeting is, as always, planning for Field Day.

Bob, K6ZLG, and I had an opportunity to help the Yolo Club with their Davis Double Century Bike Ride on May 21. I am always interested in how others handle event communications. These guys are really organized; would you believe an airborne repeater? Hats off to them.

We have a report that Ralph, W6EFD, has been under the weather, but seems to be doing better. Get well quickly Ralph!

We hope to see you all at the June 10th meeting.

Treasurer's Report

May, 2005

Gordon Parsons, NU6W, Treasurer

MAY INCOME

New Member; KG6WPN.....	\$25.00
Coffee Kitty.....	10.00
Total May Income.....	\$35.00

MAY DISBURSEMENTS

Blown Fuse Printing	\$14.13
Blown Fuse Postage.....	14.43
SBC (W6CUS).....	16.47
Total May Disbursements	\$45.03

BANK OF THE WEST ACCOUNTS

Checking (General Fund)	\$3,695.00
Savings (Station Fund*)	\$3,928.74

*\$460 earmarked for W6CUS Roofing Fund.

General Meeting Minutes

April 8, 2005

Bob Uhrhammer, WB6VEX, Secretary

The meeting opened at 19:43. The Agenda was accepted as presented.

Secretary Bob (WB6VEX): The minutes of the March meeting were accepted as published. Correspondence: \$180 check from HRO for ad in *Blown Fuse*; \$65 receipt for PO Box rental; VOMARC Hamfest Flyer; March LARK Bulletin; MARC QSA5 Bulletin; KQ6OX duplicate dues check; RMA newsletter - 4th of July aboard Red Oak Victory.

Club Station Manager Stanton (KD6SWU): Attempted break-in at club station. Someone broke a hole through the wall behind the HF station bench. No equipment was taken.

First VP Peter (KB6WC): No response from Oregon friend. Need program for May meeting.

Third VP Sharon (AA6XZ): Most members have renewed. One guest present- Keith Soesbe (KG6GCT).

Interim Education Chair Randy (KA6BQF): Solicited help in teaching the five students enrolled in the general class.

Field Day Co-Chair Peter (W6DEI): Usual spot reserved. Antenna committee is working on a two element phased vertical array. Two long (200 feet) lengths of coax needed. Peter is looking for coax and Texx is looking into cable spools.

Treasurer Gordy (NU6W): Gave Treasurer's report which is published in the *Blown Fuse*.

Member-at-Large Bob (K6ZLG): Looking forward to Field Day.

President Randy (KA6BQF): Grizzly Peak Century on May 1st; 4C's breakfast next

Sunday; VE exam session 24 April; World Amateur Radio Day on April 18th; Earth Day - AAA great battery roundup 13-23 April.

Second VP Texx (KG6ATH): Don't forget to feed kitty. Randy baked goodies. 99th anniversary of 1906 earthquake at Lotta's Fountain - Ham Radio Operators help put event on.

Good-of-the-Order: Ivan (WB6PIV) reported that there are 12 students enrolled in the WCC Adult Education electronics class. Sharon (AA6XZ) reported that Henry's equipment will be for sale at the Livermore swap meet on the first Sunday in May. Meeting adjourned.

The program was presented by ARRL Pacific Division Director, Bob Vallio (W6RGG). He talked about early Ham Radio experiments, license restructuring and BPL. Info about BPL is available via URL: www.arrl.org/bpl.

General Meeting Minutes

May 13, 2005

Randy Jenkins, KA6BQF, Acting Secretary

The meeting was called to order by President Jenkins at 19:34 hours. Eighteen members and guests were present.

Secretary Uhrhammer was absent, and the minutes of the April meeting were not submitted. Approval of the April minutes and the correspondence report were tabled until the June meeting.

Trustee Ralph Hall was absent. Robby Robinson reported that he had spoken to Ralph, and that he was doing OK.

Club Station Manager Stanton Gleason reported that the holes in the HF room had been patched, and all was OK.

First VP Gaposchkin reported that he was working on the July program. The June meeting will focus on Field Day planning. There was no program for this meeting.

Second VP Woodworth was absent.

Third VP and Editor Sharon Primbsch asked for any visitors. Rita Brenden was introduced as one of the students in our General class. Sharon asked that Jerry Volpe, KG6TT, be given "angel wings" for his assistance to her at the Livermore Swap in May.

Interim Education Chair Jenkins reported that we had four interested and committed students in the General Class. There will be three more class sessions, and a VE session on June 7th.

Field Day Co-chair Hoffman reported that preparations were underway. Arrangements for food and antennas were discussed. Peter commented on a segment on tonight's Tonight Show that would pit amateur CW operators against cell phone text messengers.

Treasurer Parsons reported \$217.25 April income, \$148.48 April disbursements, Checking balance \$3,715.03, Savings balance \$3,913.74. Our listing in *World Radio* has been renewed.

Board Member Bowling had no report.

President Jenkins thanked everyone who had helped with the Grizzly Peak Century bike ride on May 1st. Bob Bowling was thanked for his help with public service events in Marin. Randy commented that he would be seeking volunteers for upcoming events.

Under business, there was a request for a status report on the roof at the club station. Gleason and Jenkins reported that the plastic installed in the fall had kept everything dry for the winter, and that a materials list was being put together. The Red Cross has again offered to help with obtaining donations of materials.

The meeting was adjourned at 20:01.

Definition: Dopelar Effect (DOPE lar E fect)
The phenomenon where stupid ideas seem to appear intelligent when they come at you very rapidly. [tnx to Peter Hoffman – Editor]

EBARC Roster Update

- **NEW MEMBER:** Rita Brenden, KG6WPN, has a Tech license. She lives at 59 Schooner Ct., Richmond, 94804. You can reach her at 412-3756 (work) or via rbrenden@dhs.ca.gov. She's likes emergency preparedness, and the outdoors (hiking, camping, fishing, etc.).

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Las Positas College, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). Last swap at the college is June 2005!
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
- ARRL VE session Tuesday, June 7, 7:00 p.m. at Alvarado School, 5625 Sutter St., room 1, Richmond. Only written exams (no retesting). Call 526-4089 to register.
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are July 24th and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
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Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

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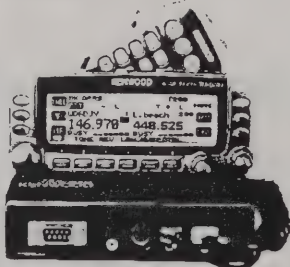
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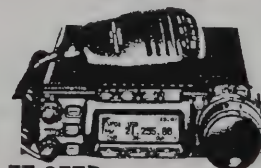


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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 7

JULY 2005



EBARC Meeting

July 8, 2005
7:30 p.m.

Contra Costa County
Search and Rescue



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Aug. issue: Tuesday, Jul. 26

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

I am writing this just before Field Day, so the results will be in next month's report. Field Day preparations are continuing. Our Field Day Co-chairs; W6DEI, Peter and K6SRZ, Alan report that we have our site at the Berkeley Marina reserved, and that planning for antennas and other logistics is underway. Thanks to all of you who have helped with planning and participation.

We have wrapped up teaching the Element 3 General Theory class at the West Contra Costa Adult School, and had a VE session with our students on June 7th. Two people passed their General written exam, and a third passed later at another session. Congratulations to Rita, KG6WPN, Bob, K6ZLG, and Sid, KG6ZAT. Let us know which license element we should address next, to best serve our members. We have a prospect to head up the education committee, and may have an announcement at the July meeting.

The extended rainy season has pushed us back a bit as far as the roof project at the club station, but now that we have clear weather,

we need to move forward with that project. We will keep any one who is interested in helping out apprised of any work parties that we organize.

I have been busy organizing public service events for the Marin club. There are still many opportunities available this year including two bike rides in August, please contact me if you would like to help. Thanks to KG6DER, Michael Hole, K6ZLG, Bob Bowling, KG6ATH, Texx Woodworth, and KD6SWU, Stanton Gleason for their help with several events so far.

Thanks also to all the EBARC and CCCC members who helped Rich Parker with the Boy Scout Hike. I couldn't participate this year, but I listened from work. Good job!

Stanton has arranged for a speaker from the Contra Costa County Search and Rescue for the July meeting's program. Peter Gaposhkin is working on getting speaker on the National Traffic System for the August meeting. Anyone with ideas for speakers or topics that you would like to see covered is encouraged to make suggestions or requests.

We hope to see you all at the July 8th meeting.

General Meeting Minutes

June 10, 2005

Rita Brenden, KG6WPN, Acting Secretary

The meeting was called to order by President Jenkins (KA6BQF) at 1942 hours. Secretary Uhrhammer (WB6VEX) was absent. The minutes of the April and May meetings were submitted and approved by the attending members.

Trustee Ralph Hall (W6EFD) was absent. Club Station Manager Stanton Gleason (KD6SWU) reported that the packet station had been inoperable periodically over the past

few weeks due to line problems. Activity on packet had dropped significantly. It was mentioned the packet BBS might be shut down because incoming messages are intermittent.

First VP Gaposchkin (KB6WC) reported that he was working on the July program. Pink Foster will be invited to speak. The June meeting focus was a planning for Field Day.

Second VP Woodworth (KG6ATH) was absent.

Third VP and Editor Sharon Primbsch (AA6XZ) congratulated member Mike Hole on his first participation as a VE for the exam held at Alvarado School. Bob Bowling was congratulated for receiving his upgrade to the General license. It was noted that Rita Brenden passed the General theory exam. Rita introduced the guests in attendance from her work site. They were Barbara Kowall, Mary Dodd, Sunee Himathongkham, and Jennifer McNary. Also in attendance was Mary Alban's, a retiree and friend of Mary Dodd's.

Interim Education Chair Jenkins reported that four students completed the General Theory class. Two students passed the theory exam. One student was retaking the exam on Saturday in Marin County. The fourth student was out of town for two weeks and would take the exam with another club. Note: Sid Walton did pass the General theory exam in Marin County on Saturday, June 11.

Field Day co-chair, Alan Eshleman (K6SRZ) introduced the topic of Field Day and its history for the benefit of the visitors. Field Day co-chair Peter Hoffman (W6DEI) stated the progress of preparations would be discussed after the formal meeting ended.

The meeting was adjourned.

KEEP YOUR BATTERIES CHARGED!

EBARC Roster Update

- **NEW MEMBER:** Barbara Kowall is studying for her Technician license. She can be reached at PO Box 14104, Berkeley, CA 94712, at 510-852-5152, or at bkowallW@dhs.ca.gov. Welcome!
- **NEW MEMBER:** Marian Gade, KC6OBK, has a General license and is a RACES member. She lives at 136 Highland Blvd., Kensington, 94708. Her phone is 524-9815, and email is mgade@berkeley.edu.
- **NEW MEMBER:** Jerry Michaels, K6KOP, has an Extra license and is also a RACES member. He lives at 136 Highland Blvd., Kensington, 94708. His phone number is 524-9815.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2005 are July 24th and Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-987-2867 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

HR 230 is A Fair Request

[Excerpt from ARRL Letter, 6/10/2005]

ARRL President Jim Haynie, W5JBP, says House Resolution 230 (HRes 230) represents "a fair request" to the FCC and deserves the support of the US House of Representatives. Sponsored by Rep Mike Ross, WD5DVR, of Arkansas, HRes 230 calls on the FCC to comprehensively evaluate BPL's interference potential incorporating "extensive public review and comment," then to "reconsider and review" its new BPL rules in the light of that public input. Renewing his call for League members to contact their congressional representatives to sign on as cosponsors of the non-binding measure, Haynie said Ross's resolution only asks the FCC to do what it should have done in the first place regarding BPL.

"What this basically asks the FCC to do is to take another look at their methodology and how they arrived at the conclusions they did," Haynie said. The FCC adopted rules to govern so-called Access BPL last October 14 in ET Docket 04-37. "I think that's a fair request and something that we should do as amateurs to make sure this is done right and without a lot of haste." Haynie says Motorola's announcement of its Powerline LV system suggests the FCC rules can provide much greater protection to radio communication services without preventing properly engineered BPL systems from going forward.

Ross, who is one of two amateur licensees in the US Congress (the other is Rep Greg Walden, W7EQI, of Oregon), introduced HR 230 on April 21. He told Broadband Over Power Line World (BPLW) recently that he's concerned about potential interference that BPL deployment could generate. (The interview is on the BPLW Web site <<http://www.etopiamedia.net/bplw/pages/bplw33-5551212.html>>.)

"Based on my own knowledge of the unique nature of the high-frequency radio spectrum, I was concerned about the evidence submitted to the Federal Communications Commission that I believe demonstrates the need to postpone any rules regarding BPL deployment," Ross said. He explained that passage of HR 230 would put the House on record as "supporting a more careful study by the FCC of the radio interference issue, especially as it relates to public safety communication, and reconsideration of the adequacy of the rules in light of this study."

While HRes 230 does not specifically address the BPL concerns of the Amateur Radio community, Ross said those concerns were what led him to look more closely at BPL's implications for the public safety community. He noted that the federal interagency emergency SHARES (SHARed RESources) network uses HF, and

many states and localities still use the 30-50 MHz "low-VHF" band for public safety communications--spectrum that some BPL pilot projects also have occupied.

Ross said BPL interference on HF would be proportional to the extent of the technology's deployment using medium-voltage power lines. "Broadband energy cannot be put on these lines without causing interference to radio receivers using the same frequencies," he explained to BPLW's Marc Strassman. He also said the existing emission limits are "much too high" and never were intended to apply to systems like BPL. Existing BPL systems should be made to conform to future limits, he added.

He said BPL's potential to disrupt aviation operations is so great that the National Telecommunications and Information Administration (NTIA) successfully argued to prohibit Access BPL via medium-voltage power lines on frequencies used by commercial aeronautical communications.

Ross also wants the Commission to address "without further delay" the "substantial number" of BPL interference complaints now pending at the FCC. And while he'd like to see his colleagues eventually approve HR 230, he hopes the FCC will "take the interference issue to heart, whether or not the resolution is adopted."

Speaking at Dayton Hamvention in May, Haynie urged individual amateurs to begin participating in the political process. "We've got to ratchet up our presence," he told a forum audience. Haynie said that while ARRL can serve as the unified voice of the national association for Amateur Radio, individual licensees are voters, and lawmakers are quite aware that there are radio amateurs in their districts.

"I really encourage you [ARRL members] to contact your congressional representative," Haynie said. "It's listed in the front of almost every phone book who your congressman is. If not, you can go to the United States House of Representatives Web site <<http://www.house.gov/>> and find out by typing in your ZIP code. I really encourage you to do this because it's important to the future of Amateur Radio."

The full text of HR 230

<<http://www.arrl.org/tis/info/HTML/plc/filings/hres230/HR es230.pdf>> and a sample letter

<<http://www.arrl.org/tis/info/HTML/plc/filings/hres230/HR es230-SampleLtr.doc>> are available on the ARRL Web site. Haynie called on members to express their support for the resolution in their own words.

To expedite delivery, send all correspondence bound for Members of Congress--preferably as an attachment--to <hres230@arrl.org> or fax it to 703-684-7594. The ARRL will bundle correspondence addressed to each Member of Congress for hand delivery.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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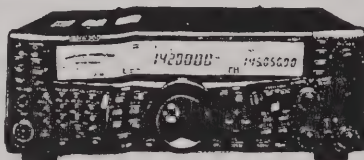
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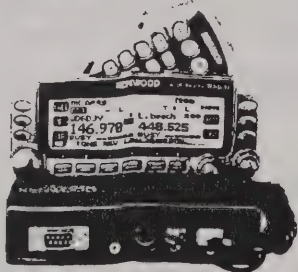
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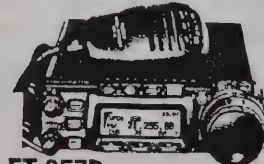
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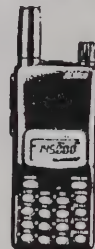


IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

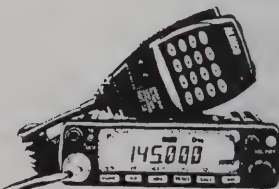
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
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F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 8

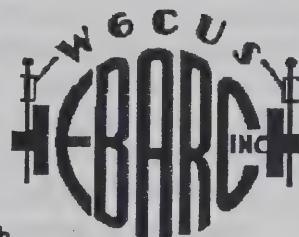
AUGUST 2005



EBARC Meeting

August 128, 2005
7:30 p.m.

National Traffic System
Pinkney "Pink" Foster, KG6ILA



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Aug. issue: Tuesday, Aug. 23

[Articles can be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Our Field Day effort produced a great success. All the figures are being tallied, but it appears that we made more contacts than last year, and should have another great score. Once again our members and friends rose to the challenge. Thank you to our chairmen, our captains, and all of you who volunteered your time and effort.

The FCC has issued a Notice of Proposed Rule Making that would eliminate the Morse Code requirement for all classes of Amateur Service licenses. The NRPM dismissed several petitions that would have kept the code for the Amateur Extra class license, that would have created a new entry class license, that would have reinstated the thirteen-words-a-minute requirement for the General class license, and that would have required the test question pool to be rewritten. If you feel strongly on this issue, you may want to submit comments on the FCC proposal. Instructions may be found on the FCC web site. There are sixty days from the publication date (July 17) to make comments and ninety days for reply comments. It is possible that we could have a

Report and Order by late December or early next year.

It may seem a little early, but we need to begin thinking about next year's club officers. The selection of officers is at the November meeting and we need a slate of candidates for the various offices. Please consider running for office. I have had four great years as your president, but I would like to pursue other opportunities in the coming year. I plan to stay active in the club, but I think that it's time to hand the baton off to someone else.

I had a good time operating aboard the Red Oak Victory on Museum Ships Weekend. This was the first time that I had the opportunity to operate this event. It is always fun to try something new. Thanks to Peter Hoffman, Gary Elliot, and Rita Brenden for a great time.

As many of you know, public service operations are one of my passions. I have been busy organizing public service events for the Marin club. There are still many opportunities available this year, including two bike rides in August. Please contact me if you would like to help. Thanks to KG6DER, Michael Hole; K6ZLG, Bob Bowling; KG6ATH, Texx Woodworth; and KD6SWU, Stanton Gleason for their help with several events so far. I encourage everyone to get involved, whether it is with RACES, ARES, the NTS, public service, or another form of giving something back to the community.

Peter Gaposchkin has arranged for Pink Foster to speak on the National Traffic System for the August meeting. Anyone with ideas for speakers or topics that you would like to see covered is encouraged to make suggestions or requests.

We hope to see you all at the August 12th meeting.

73, Randy KA6BQF

Field Day Preliminary Results

Peter Hoffman, W6DEI

Thanks to all who participated in this year's Field Day event. We threw a few new hams to the lions (i.e. put them on the SSB station amidst the wall-to-wall QRM). We had lots of wonderful things to eat thanks to Rita Brenden (KG6WPN), Randy (KA6BQF), and others. We erected a great antenna farm thanks to lots of muscle from the many people we count on (but don't take for granted) every year. Great security, as usual, from Rich and Alex. We also had professional-caliber CW contesting we've come to expect (and marvel at) from Alan and his friends.

All three of our stations logged more contacts than last year, a noteworthy feat since we're still on the downward slope of the solar cycle. I haven't tallied up all the points yet, but here are some preliminary estimates. CW had about 1,334 contacts (2,668 points), SSB had about 423 contacts (423 points), and digital logged about 160 contacts (320) points. We got about 400 bonus points for 10 messages sent (by Joe Lee, of course), a message to the East Bay Section Manager, setting up in a public place, and a visit by a served agency. Adding up these rough numbers comes to 3,800+ points. That should put us pretty high up in the 3A category again. When I've tallied up the actual final numbers I will let you know. Again, thanks to all and I hope and trust everyone had fun again this year.

Museum Ships Special Event

Peter Hoffman, W6DEI

For 48 hours on the third weekend in July each year, members of the Red Oak Victory ARC (mostly EBARC members as well) participate in the Museum Ships Amateur Radio Event. This year around 60 museum ships took part, about half based in North America and half in Europe. Thanks again to our own Gary Elliott,

WA6KCP, the San Francisco Bay Area was well represented. In addition to the USS Red Oak Victory, club members also activated stations aboard the USS Potomac and Lightship Relief, both located at Oakland's Jack London Square.

Gary, Rita Brenden (KG6WPN) and Randy Jenkins (KA6BQF) operated the station on the Red Oak, logging an impressive 500 QSOs. With a bit more limited access time on the other ships, Peter Hoffman (W6DEI) and Don Hubbard (KG6ECI, our friend from the South Bay) managed about 170 contacts each on the Potomac and Relief.

This is one of the most popular ham events. Many participants are Navy veterans who, despite the hardships they endured, retain fond memories of these old ships. Some pretty mediocre propagation and lots of QRM did little to dampen everyone's enjoyment.

Treasurer's Report

June, 2005

Gordon Parsons, NU6W, Treasurer

JUNE INCOME

New Member; Barbara Kowall	\$12.50
Coffee Kitty	<u>12.91</u>
Total June Income.....	\$25.41

JUNE DISBURSEMENTS

Blown Fuse Printing	\$22.19
Blown Fuse Postage.....	13.69
Field Day Supplies (B. Bowling).....	161.94
P. G. & E. (W6CUS) May	47.58
P. G. & E. (W6CUS) June	43.47
SBC (W6CUS).....	<u>22.35</u>
Total June Disbursements	\$311.22

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,671.62
Savings (Station Fund*)	\$3,666.31

*\$460 earmarked for W6CUS Roofing Fund.

Treasurer's Report

July, 2005

Gordon Parsons, NU6W, Treasurer

JULY INCOME

Field Day Donations.....	\$45.00
Coffee Kitty.....	16.44
Total July Income.....	\$61.44

JULY DISBURSEMENTS

Blown Fuse Printing	\$28.85
Blown Fuse Postage	13.06
Field Day Flyer Printing.....	2.60
Field Day Supplies (P. Hoffman).....	234.82
SBC (W6CUS)	16.71
Total July Disbursements	\$296.04

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,627.11
Savings (Station Fund*)	\$3,476.22

*\$460 earmarked for W6CUS Roofing Fund.

Skyline 50K Run

Ti-Michelle Connelly, NJ6T

The Hayward Radio Club has once again been asked to provide radio coverage for the Skyline 50K run this year on Sunday, Aug, 7th. They are looking for volunteers radio operators for this event. Many of you have worked this event before. If not you can find more information about the run at, www.skyline50k.us.

If you are able to volunteer for this event, please let me know at the following contact information. Phone (510) 783-5616
Email kk66bbiirr96@earthlink.net

ARRL Field Organization Call Sign Badges

Joe Lee, W6DOB, has provided order forms for the "official" type of badge from the ARRL.

Badges will have the ARRL logo, and come in various colors, depending upon your ARRL affiliation and volunteer position (for example Volunteer Examiner, Life Member, NTS Leadership Appointee). The forms will be available at the August meeting, and Joe will coordinate the orders. The cost is \$6-10, depending upon the engraver chosen.

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
- Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2005 is Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

Amateur Radio Spectrum Protection

[Excerpt from ARRL Letter, 6/23/2005]

A US Senate version of the Amateur Radio Spectrum Protection Act of 2005, S1236, has been introduced in the 109th Congress. The wording is identical to the House version, HR691. The ARRL encourages its members to urge their congressional representatives to be cosponsors. Sample letters for HR691 and S1236 are on the ARRL web site. To expedite delivery, send all correspondence, preferably as an attachment, to research.assistant@chwatco.com or fax it to 703-684-7594. The ARRL will bundle letters for hand delivery.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

2005 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair.....	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair.....	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair.....	785-4290
Bob Uhrhammer WB6VEX, Secretary.....	525-1447
Stanton Gleason KD6SWU, Club Station Manager.....	385-4044
Ralph Hall W6EFD, W6CUS Trustee & Packet SysOp.....	232-0727
John Wood N6JDW, Education Chair.....	741-7050
Peter Hoffman W6DEI, Field Day Co-Chair.....	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair.....	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair.....	
Joe Lee W6DOB, Awards Chair & Silent Key Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair.....	
Historian.....	
Bob Bowling, K6ZLG, Member-at-Large.....	233-5749

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5)	145.110
Tech Net	Thurs	2000 (PL 82.5)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Rick N6DQ, Co-Mgr.
Howard, W6HOC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Co-Mgr.
John, N5EHP, Co-Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBIDGE, VA
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
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- 10W 1.2 GHz w/optional UT-20 module
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- Backlit Front Key Panel

Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos., CTCSS
- VC-H1 Messaging Control

Low Pricing!



TM-D700A 2M/440 Dualband

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- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
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- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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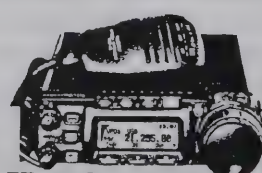
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VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIREless compatible

Great Price!



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- Ultra compact HF, VHF, UHF
- 100W HF/6M, 50W 2M, 20W UHF
- DSP included • 32 color display
- 200 memos • Detachable front panel (YSK-857 required)

Call for Low Price!

ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!

IC-706MkII HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 Mhz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

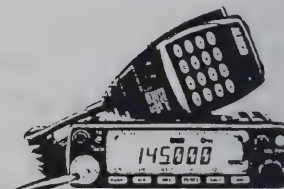
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- 100 memos • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 9

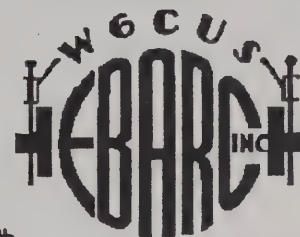
SEPTEMBER 2005



EBARC Meeting

September 9, 2005
7:30 p.m.

Video, Subject:
The Earth's Magnetic Field



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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Post Office Box 1393
El Cerrito, CA 94530

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Deadline for Oct. issue: Tuesday, Sept. 27

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

We need to begin SERIOUSLY thinking about next year's club officers. The selection of officers is at the November meeting and we need a slate of candidates for the various offices. Please consider running for office. I have had four great years as your president, but I would like to pursue other opportunities in the coming year. I plan to stay active in the club, but I think that it time to hand the baton off to someone else.

Our Field Day effort produced a great success. We made more contacts than last year in all categories, and Peter reports a score of around 7500. Once again our members and friends rose to the challenge. Thanks again to all of you who volunteered your time and effort.

I need to report that the Red Cross has decided to close their remaining presence in Richmond, and terminate their lease on the Annex buildings where our club station is located. They have recommended to the City of Richmond that we should remain as the sole tenants in the facility and continue to operate the station there. We will be contacting the

city to see if they will allow us to remain. Unless an acceptable arrangement can be made, we may have to close the club station.

As a reminder, the FCC has issued a Notice of Proposed Rule Making that would **eliminate the Morse code requirement** for all classes of Amateur Service licenses. The NPRM **dismissed** several petitions that would have kept the code for the Amateur Extra class license, that would have created a new entry class license, that would have reinstated the thirteen-words-a-minute requirement for the General class license, and that would have required the test question pool to be rewritten. If you feel strongly on this issue, you may want to submit comments on the FCC proposal. Instructions may be found on the FCC web site. There are sixty days from the publication date (July 17) to make comments and ninety days for reply comments. It is possible that we could have a Report and Order by late December or early next year.

The late Henry Primbsch, KK6PH, was recently honored by the University of California. A lab at the Space Sciences Laboratory has been named for him. Henry was our longtime education chairman and technical wizard.

As many of you know, public service operations are one of my passions. I have been busy organizing public service events for the Marin club. Thanks to KG6DER, Michael Hole, K6ZLG, Bob Bowling, KG6ATH, Texx Woodworth, KG6WPN, Rita Brenden, AA6XZ, Sharon Primbsch, and KD6SWU, Stanton Gleason for their help with several events so far. Our members have really made an impression with their enthusiasm and operating skill. I encourage everyone to get involved, whether it is with RACES, ARES, the NTS, public service, or another form of giving something back to the community.

John Wood has a video to present for the program at the September meeting.

Please note that the September Board of Directors meeting has been moved from Monday (Labor Day) to Wednesday, September 7th.

We hope to see you all at the September 9th meeting.

Field Day Results

Peter Hoffman, W6DEI

Here's the breakdown of our point score for Field Day 2005. These results are "unofficial" until published in QST:

Bonus Points:	950
CW Points:	5,172
PSK Points:	552
SSB Points:	824
Total Points:	7,498

That's nearly 1000 points higher than the 2004 score. Congratulations and thanks to all who participated.

EBARC's Sept. Board Meeting

The September meeting of the EBARC Board has been moved to Wednesday, Sept. 7th at 7:30 p.m. at the club station (to avoid conflict with Labor Day). As usual, EBARC members are welcome to attend.

Treasurer's Report

August, 2005

Gordon Parsons, NU6W, Treasurer

AUGUST INCOME

New Member, KG6WPQ	\$6.25
Coffee Kitty.....	14.00
Total August Income.....	\$20.25

AUGUST DISBURSEMENTS

Blown Fuse Printing	\$23.82
Blown Fuse Postage.....	15.54
EBARC Applications.....	2.17
Field Day Expenses (R. Bowling)	77.94
P.G.&E.....	43.92
Total Aug. Disbursements.....	\$163.39

BANK OF THE WEST ACCOUNTS

Checking (General Fund).....	\$3,591.83
Savings (Station Fund*)	\$3,354.36

*\$460 earmarked for W6CUS Roofing Fund.

General Meeting Minutes August 12, 2005

Sharon Primbsch, AA6XZ, Acting Secretary

The meeting was called to order by President Randy Jenkins, KA6BQF, at 7:39 p.m. Secretary Uhrhammer, WB6VEX, and 2nd VP Texx Woodworth, KG6ATH, were absent. There was no news from trustee Ralph Hall, W6EFD.

Club station chair Stanton Gleason, KD6SWU, reported that the power was off for three days due to work on the front building. The Red Cross will release its lease on Annexes A & B. In a letter to the City of Richmond, it asked that EBARC be allowed to stay in the annexes.

1st VP Peter Gaposchkin, KB6WC, reported that our speaker this evening is "Pink" Foster who will discuss the National Traffic System.

3rd VP Sharon Primbsch, AA6XZ, reported that she is changing the mailing list database. New member Jennifer McNary, KG6WPQ, joined at this meeting.

Education Chair John Wood, N6JDW, wasn't present, but Pres. Randy said we were evaluating whether or not to have a Fall class.

Field Day co-chair Peter Hoffmann, W6DEI, reported that we earned about 7500 points at Field Day. Results have been submitted to ARRL already. Peter also mentioned the Red Oak Victory's pancake breakfast. See www.qsl.net/reoakarc for details.

Treasurer Gordy Parsons, NU6W, read the July general meeting minutes from the *Blown Fuse*.

Member-at-Large Bob Bowling, K6ZLG, had nothing to report.

President Randy 1) thanked those people who volunteered for the Mt. Tam Double Century bike ride. The Holstein Hundred bike ride is August 20th. 2) Randy also mentioned that the FCC has a NPRM suggesting (among other things) that the Morse code requirement be eliminated for hams. We're halfway through the 60-day comment period. See the FCC's web site for details. 3) The September EBARC Board meeting has been moved to the 7th to avoid conflict with Labor Day. 4) The 4Cs breakfast is Aug. 14th. All are welcome.

Joe Lee, W6DOB, discussed how ARRL Appointees and VEs can order official ARRL badges for about \$6. Sharon and Randy have forms. You'll need your ARRL membership number (on your QST magazine).

ARRL's Ti-Michelle Connolly, NJ6T, is looking for an ARRL Public Information Coordinator. She also needs someone to help with managing the ARRL Pacific Division web page.

The meeting adjourned at 7:58 p.m. for refreshments and speaker Pink Foster.

4Cs/EBARC Picnic Sept. 18th!

Fun, food, and frolic are yours at Miller-Knox Park in Point Richmond. Family members (including kids and significant others) are

welcome. Socializing starts about 11 a.m., and "eats" noonish+. Go southwest on Garrard Blvd. through the tunnel, and onto Dornan Drive. We gather near the south end of the park. There's no cost, since 4Cs and EBARC share most members. Help near serving time and help with cleanup will be appreciated. Bring sun block, jackets, hats, and your smile!

Pacificon 2005

The Pacificon 2005 amateur radio convention will be held October 14-16, 2005, at the San Ramon Marriott Hotel, San Ramon, CA.

ARRL's Pacificon 2005 events include:

- Friday All-Day Antenna Seminar
- Friday Evening DXpedition Presentation
- Saturday Keynote Breakfast & Evening Banquet
- Outstanding Technical Forums
- Ham Equipment Exhibitors
- Great Swap Meet
- Daily Radio Prize Drawings
- ARRL Forum
- Transmitter Hunt
- VE Exams
- Saturday All-Day Technician License Class
- QRP Forum
- Legal Seminar
- Boy Scout Jamboree-On-The-Air

The Marriott is offering convention attendees a special Pacificon 2005 rate of \$84 for each night (single/double) if reservations are made before October 1, 2005. There is a limited block of rooms at this rate, so make your reservations early! Call 1-800-228-9290, and be sure to ask for the Pacificon 2005 rate.

For convention tickets, more information and event schedules go to: www.pacificon.org or www.mdarc.org, or write to PO Box 272613, Concord, CA 94527.

EBARC Roster Update

- **NEW ADDRESS:** Alan Eshleman, K6SRZ, has moved to 1541 Keoncrest Dr., Berkeley, 94702. His phone is the same.
 - **NEW MEMBER:** Jennifer McNary, KG6WPQ, has a General license. She lives at 753 Contra Costa Ave., Berkeley, 94707. Her phone is 528-5227. She's interested in emergency preparedness.
-

Posthumous Honor for KK6PH

On August 8, 2005, Henry Primbsch, KK6PH, was honored by the University of California at Berkeley. His former laboratory at the Space Sciences Lab (SSL) was named after him. Many of his former colleagues came to the dedication, including Nobel Laureate Prof. Charles Townes, National Academy of Sciences member, Prof. Kinsey A. Anderson, SSL director, Dr. Robert P. Lin, Prof. Forrest Mozer, and many other Principal Investigators and support personnel in the space physics community.

The plaque on door to the lab reads: *In memory of John H. "Henry" Primbsch, Principal Development Engineer at the Space Sciences Laboratory from 1960 to 2002. Well known and loved, he was an integral part of the birth, growth and success of the Space Physics Group and the Space Sciences Laboratory. Later and fittingly, another sign was added in felt marker above the door, which says, "Hen3ry's Lab" (the 3 is silent).*

Henry's wife Sharon, AA6XZ, and his children, Michael and Bonnie, presented to SSL a booklet of stories about Henry (collected after his death). *[If any EBARC member would also like to see the booklet, send email to Sharon at aa6xz@earthlink.net or call 741-8227.]*

Future Bay Area Events

- Pacificon 2005, October 14-16, 2005, at the San Ramon Marriott Hotel, San Ramon. For more information and event schedules go to www.pacificon.org or www.mdarc.org, or write to PO Box 272613, Concord, CA 94527.
 - Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
 - Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
 - EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2005 is Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-846-1587 or 510-741-8227.
 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
-

To save on printing costs, the list of officers and nets is being eliminated this month. It will return next month.

Many thanks to Mike McMillan K6MCM, for preafrooding this month's *Blown Fuse*.

EBARC needs you!
Please consider running
for a club office for 2006.

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anaheim@hamradio.com

BURBANK, CA
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(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

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2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
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(858) 560-4900
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Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
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(800) 854-6046
Rick N6DQ, Co-Mgr.
Howard, W6HOC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

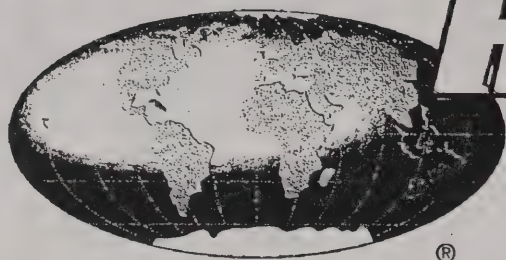
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(800) 444-7927
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atlanta@hamradio.com

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(Near Washington D.C.)
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(800) 444-4799
Steve, N4SR, Mgr.
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woodbridge@hamradio.com

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(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
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WORLDWIDE DISTRIBUTION

KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

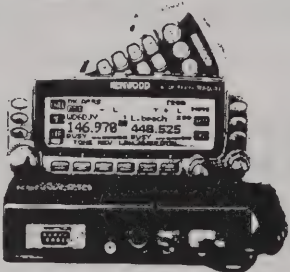
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- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Memos, CTCSS
- VC-H1 Messaging Control

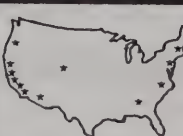
Low Pricing!



TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 MHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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The Store Nearest To You!**

YAESU



VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIREs compatible

Great Price!



FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

Call for Low Price!

ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



IC-706MKIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 Mhz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menus

Low Pricing!



IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS In • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
L
F

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 10

OCTOBER 2005



EBARC Meeting

October 14, 2005
7:30 p.m.

Program
To Be Announced



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

POSTMASTER:
Address Correction Requested



FIRST CLASS MAIL

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Nov. issue: Tuesday, Oct. 25

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

We are now into the reply period for the FCC's Notice of Proposed Rule Making that would eliminate the Morse Code requirement for all classes of Amateur Service licenses. It is possible that we could have a Report and Order by late December or early next year. There are many opinions as to whether this will be good for the Amateur Service or not, but it looks like the future.

The events surrounding hurricanes Katrina and Rita show just how important preparedness is for all of us. There are many hams helping along the Gulf coast region. Their contributions may not be making the six o'clock news, but they are real and important. The ARRL has set up a website clearinghouse for hams who would like to sign up to help, to match volunteers with agencies. Hams wanting to help should have up-to-date vaccinations and insurance, be prepared to cope with primitive conditions, and be able to be self-sufficient for their personal and communications needs for several weeks.

The various recovery organizations are expecting an unprecedented demand for services in the wake of two major events. Millions have been evacuated, thousands have been displaced. If you can, make a donation to the organization of your choice. It looks like a long recovery period is ahead for the southeast. We are not immune to a possible disaster in the Bay Area. I encourage all our members to look at their own level of planning and preparedness.

We have formed a nominating committee to seek candidates for the 2006 officers and directors. The election of officers is at the November meeting and we need a slate of candidates for the various offices. Please consider running for office.

Remember that Pacificon is coming up on October 15 and 16 in San Ramon. As always, it looks to be a great event.

Also remember that there will be an EBARC/ORCA sponsored VE Exam on Sunday, October 23 in Oakland. This is a great opportunity to upgrade your license.

We hope to see you all at the October 14th meeting.

73, Randy KA6BQF

Many thanks to Mike McMillan K6MCM, for proofreading this month's *Blown Fuse*.

**EBARC needs you!
Please consider running
for a club office for 2006.
Contact Ron Smith,
KE6RS, 724-5099.**

Treasurer's Report
September, 2005
Gordon Parsons, NU6W, Treasurer

SEPTEMBER INCOME

Coffee Kitty..... \$10.00
ARRL Renewal (N6JDW/KF6OGC) .. 44.00
Total Sept. Income..... \$54.00

SEPTEMBER DISBURSEMENTS

Blown Fuse Printing \$19.97
Blown Fuse Postage 15.54
P. G. & E. (W6CUS)..... 57.16
SBC (W6CUS) 9.81
ARRL Renewal..... 44.00
2004 Tax Preparation (Al Streit)..... 150.00
Total Sept. Disbursements \$296.48

BANK OF THE WEST ACCOUNTS

Checking (General Fund)..... \$3,416.32
Savings (Station Fund*) \$3,297.39

*\$460 earmarked for W6CUS Roofing Fund.

EBRPD Firetrails Run
Ti-Michelle Connelly, NJ6T

The Alameda County Sheriff's Comm Team is asking for additional hams to help them provide safety and logistical communications support for this year's Dick Collins Firetrails 50 mile run on EBRPD property. The Race and Marathon take place on October 15th, starting at Lake Chabot Marina (0600) in Castro Valley and proceeding over the fire trails to a point north of the Tilden Park Steam Trains area, and returning to Lake Chabot. Neil Fullagar, K6NCX, is the coordinator. Please contact him if you are interested in helping. He can be reached at k6ncx@arrl.net

Keep your batteries charged!

2006 EBARC Membership Renewal

Name _____

_____ **N T T+ G A E**
Call Sign License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

**Ye Olde Editor, aka Membership
Chair, Makes Changes**
Sharon Primbsch, AA6XZ

My old computer finally took its last breath, and I had to replace it recently. This required me to make several changes to EBARC membership stuff and *Blown Fuse* stuff.

The prior membership information was in a FoxPro database program that I wrote myself. I didn't move the software development environment to the new computer, so I substituted a program called *MyMailList & Address Book*. It's not a pretty sight, but it's functional. Mailing labels (in a couple of

months) will have a blank line if you're not a family membership. Next March, the roster will also look quite different (and not as pretty). This change means that it's now possible for me to hand off the membership duties to someone else, if anyone wishes to run for EBARC 3rd Vice President (aka Membership Chair) for 2006.

The *Blown Fuse* "pdf" file creation is now different also. I'm now using *Adobe Acrobat 7.0 Elements*. It's much less flexible than the prior version I was using. If you receive the *Blown Fuse* via email, you may need to download Adobe Acrobat Reader 7.0 from www.adobe.com to read the newsletter from now on. One major change is that I can't (so far) incorporate the HRO ad into the newsletter so that it's readable. Therefore, you'll receive the (pretty) HRO ad as a separate attachment.

I cannot thank John Wood, N6JDW, enough for all his help with my new computer and its software! (John: 88 de Ye Old Editor)

No. CA Ham Radio Experts needed for California Disaster Response

The California State Military Reserve is seeking Ham Radio users who can provide training and support to California National Guard soldiers in the area of communications. Volunteers would also be used to establish and operate emergency communications networks in the event of an emergency or natural disaster.

SPC Christopher Mott
Military Police - Provost Marshal Office
Brigade Recruiting NCO
40th Infantry Division (M)
Headquarters Company - Support Brigade
Los Alamitos JFTB
[http://www.calguard.ca.gov/casmr/
christopher.m.mott@us.army.mil](http://www.calguard.ca.gov/casmr/christopher.m.mott@us.army.mil)

EBARC Roster Update

- **NEW ADDRESS:** Jerry Volpe, KG6TT, has moved to 788 Chestnut Dr., Fairfield, CA, 94533. His phone is 707-399-8838.
-

Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info Robert: 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
 - Electronics Flea Market, 2nd Saturday of each month, March through October, North Sunnyvale, near Moffett Field. Details at www.electronicfleamarket.com. Talk-in 145.27- or 145.23- (both 100Hz PL)
 - EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2005 is Oct. 23rd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2005 fee (and retest fee) is \$14. For info call; 510-846-1587 or 510-741-8227.
 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
-

Hurricane Victims' Toy Drive

[from an ARRL announcement, 9/28/2005]

The ARRL has announced it will again sponsor a toy drive to brighten the holidays for youngsters left homeless or displaced as a result of the Katrina and Rita hurricanes. Ham radio clubs and individual amateurs should send new, unwrapped toys for boys and girls aged 1 to 14 to ARRL Toy Drive, 1775 Moriah Woods Blvd--Suite 12, Memphis, TN 38117-7125. Plan mailings and shipments to arrive prior to Thanksgiving, Thursday, November 24. Please put a QSL card into the box with the toy. Those wishing to donate money instead of toys can send a check to ARRL Toy Drive, ARRL, 225 Main St, Newington, CT 06111

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

2005 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Randy Jenkins KA6BQF, President.....	526-4089
Peter Gaposchkin KB6WC, 1st VP - Program Chair	549-9671
Bob "Texx" Woodworth KG6ATH, 2nd VP - Hospitality Chair	524-7452
Sharon Primbsch AA6XZ, 3rd VP - Membership / <i>Blown Fuse</i> Editor.....	741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair	785-4290
Bob Uhrhammer WB6VEX, Secretary	525-1447
Stanton Gleason KD6SWU, Club Station Manager	385-4044
Ralph Hall W6EFD, W6CUS Trustee & Packet SysOp.....	232-0727
John Wood N6JDW, Education Chair	741-7050
Peter Hoffman W6DEI, Field Day Co-Chair	525-0694
Alan Eshleman K6SRZ, Field Day Co-Chair	540-8790
Adah Fryman KF6IHW, Social Committee Chair.....	232-1934
Publicity Chair	
Joe Lee W6DOB, Awards Chair & Silent Key Chair.....	724-0533
Bob "Texx" Woodworth KG6ATH, Digital Committee Chair.....	524-7452
RFI Committee Chair	
Historian	
Bob Bowling, K6ZLG, Member-at-Large.....	233-5749

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5-)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5-)	145.110
Tech Net	Thurs	2000 (PL 82.5-)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77-)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5-)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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Howard, W6HOC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

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(Near Philadelphia)
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newcastle@hamradio.com

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(800) 444-9476
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John, N5EHP, Co-Mgr.
denver@hamradio.com

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(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
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(Near Boston)
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(800) 444-0047
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- 10W 1.2 GHz w/optional UT-20 module
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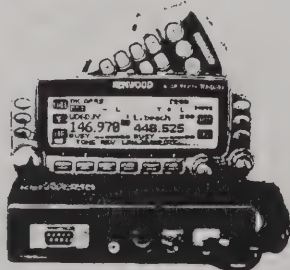
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- 200 Mems., CTCSS
- VC-HI Messaging Control

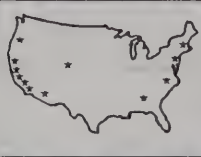
Low Pricing!



TM-D700A 2M/440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 MHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VIC-H1/PC Ports

**COAST TO COAST
FREE SHIPPING**
UPS - Most Items Over \$100



**Rapid Deliveries From
The Store Nearest To You!**

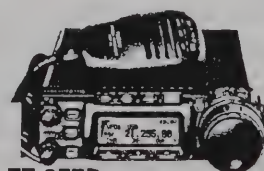
YAESU



VX-7R

- 50/2M/220/440 HT
- Wideband RX
- 900 Memories
- 5W TX (300mw 220MHz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRESS compatible

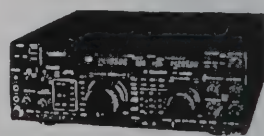
Great Price!



FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (VSK-857 required)

Call for Low Price!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

Low Pricing!

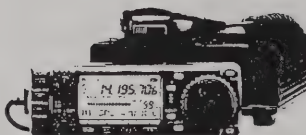
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(800) 854-6046
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(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
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ICOM



IC-706MkIIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters • No Soldering
- Easy-to-Navigate menus

Low Pricing!

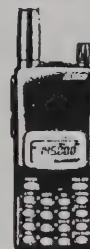


IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

The Ultimate Radio!

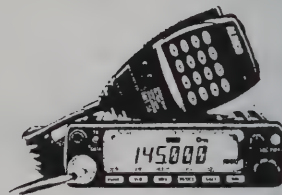
ALINCO



DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

Low Pricing!



DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

Low Pricing!

THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 11

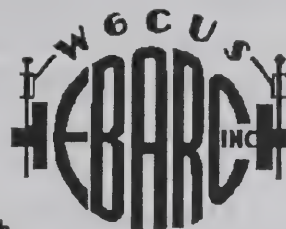
NOVEMBER 2005



EBARC Meeting

November 11, 2005
7:30 p.m.

Election of EBARC
Officers for 2006



The East Bay Amateur Radio Club meets the second Friday of each month
at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
at the W6CUS club station, Richmond Red Cross, 31st & MacDonald, Richmond.

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THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: Monday, Nov. 21

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox

Randy Jenkins, KA6BQF

Our next meeting is our annual election of officers for the coming year. I am told that we will have several positions with more than one candidate running for office, so the membership will have a choice to make in some instances. We can still use candidates for some other offices, including President. Please attend, make a nomination, volunteer, and cast your vote if you can make it.

The meeting also falls on Veteran's Day. We should take time to remember all those who have served and continue to serve our nation, and honor their dedication and sacrifice for us all.

It seems like every time I sit down to write this message, there has been another hurricane or flood somewhere in this great land of ours. The hurricane / tropical storm names have run through the regular alphabet this year and now they are into the Greek alphabet with tropical storm Alpha about to join with Hurricane Wilma, going up the eastern seaboard. What a year!

I again encourage all our members to look at their own level of planning and preparedness. We may not get the weather that they get in the East, but we have other hazards in our neck of the woods, and we owe it to ourselves, our families and our community to be as prepared as possible.

I was in Missouri last month, and had a chance to visit one of the radio clubs back there for their meeting one warm evening. It was really interesting to note the differences and similarities between clubs. Two of their members were working the Hurricane Katrina relief efforts. Their club president phoned in a report (at the meeting) from Louisiana, where he was stationed, reporting on conditions and his activities. Another member was also mentioned as being in the effort. That person I knew about, as we were friends from when he lived in the Bay Area. It surprised me that I had found one of the clubs that my friend, Ed Karl, KOKL, was a member of, and when the visitors were identified, they were similarly surprised that I knew Ed. As hams do, we talked for quite a while after the meeting.

I also had the opportunity to visit with Ed's wife, Lorraine, K2VGD, and see their new house and ham setup. It is always good to visit old friends.

I also attended Pacificon, which was, as usual, another great event. Mark your calendars for next year, for October 13, 14, and 15, 2006.

We are now coming to the end of the reply period for the FCC's Notice of Proposed Rule Making that would eliminate the Morse Code requirement for all classes of Amateur Service licenses. The commentary will then go to the commissioners for review and a decision should be forthcoming. It is possible that we could have a Report and Order by late December or early next year. There are many opinions as to whether this will be good for the Amateur Service or not, but it looks like the future.

The EBARC/ORCA VE session on October 23 had three new hams and three upgrades, and was a great success. Thanks to all the VE's who volunteer their time to allow others to join our ranks and upgrade our licenses.

We hope to see you all at the November 11th meeting.

73, Randy, KA6BQF

Note to Volunteer Examiners

Joe Lee, W6DOB, is taking orders for ARRL VE badges. If you want to add your name to the order that will be going in to the engraver, please bring the following to the November meeting: a photocopy of your VE credential, proof of ARRL membership (copy of membership card or your QST label), and \$6.00. We will have the applications to fill out at the meeting.

Many thanks to Mike McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

General Meeting Minutes October 14, 2004

Sharon Primbsch, AA6XZ, Acting Secretary

The meeting was called to order at 7:30 p.m. by President Randy Jenkins. One visitor was present, Chris Perry, KD6ZIP.

Minutes of the September Meeting weren't available, so their approval was tabled.

Trustee/Sysop, Ralph Hall, W6EFD, had no report.

There was no report on the Club Station, since manager, Stanton Gleason, KD6SWU, was absent.

First VP/Program Chair, Peter Gaposchkin, KB6WC, said there will be the election of officers at the November meeting. He didn't have a program planned for November.

Second VP/Hospitality Chair/Digital Chair, Texx Woodworth, KG6ATH, said 1) that qrz.com will allow us to point to our web site. 2) reminded us of Pacificon this weekend, and 3) reminded us to feed the kitty.

Third VP/Membership Chair/Editor, Sharon Primbsch, AA6XZ, reminded everyone that Gordy is accepting dues for 2006.

There was no Education report, because chair John Wood, N6JDW, was absent.

Field Day Chair, Peter Hoffmann, W6DEI, had no report.

Treasurer, Gordy Parsons, NU6W, read the September Treasurer's Report as printed in *The Blown Fuse*. He also is looking for the paperwork from the State of California that renews our corporate status. Sharon will look for it in the P.O. box tomorrow, and forward it to Gordy. Gordy reported that our electric bill is about twice as high as it should be. It's possible that the contractor for the front building is using our power.

President Randy Jenkins, KA6BQF, returned from a visit to the Midwest. While there he visited the "Zero Beaters" club. They're active in Skywarn, repeaters, Field Day, and public service. Randy reminded us of the VE exam in Oakland on Oct. 23rd. He also noted ongoing ham efforts for the hurricanes and Northeast flooding. He suggested donations to relief agencies, including the Salvation Army. Randy announced that the Marin club needs operators Oct. 15-16 to support the Marin leg of a relay race between Calistoga and Santa Cruz.

The Nominating Committee consists of Peter Hoffmann, Ron Smith, and Randy Jenkins. Their report will be printed in the November *Blown Fuse*. Nominations from the floor will be accepted at the November meeting, before officers for 2006 are elected.

Old Business: We have not heard from the City of Richmond about our club status.

New Business:

The Red Cross has not started moving out of Annex A&B.

The rotor on the crank-up tower doesn't work. Possibly it's just a broken wire.

It was moved by Peter Hoffmann and seconded from the floor, that EBARC donate \$400 to the Salvation Army as a "thank-you" for the use of their facilities for our general meetings.

The meeting was adjourned at 7:55 p.m. for a door prize drawing and a funky video, "The Natural History of the Chicken".

Treasurer's Report October, 2005

Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

Regular Renewals; AA6XZ, KF6HEN \$50.00

Family Renewals; AC5QI/AL5RB,

KE6MSF/KE6SZG 60.00

Coffee Kitty 5.00

Total Oct. Income \$115.00

OCTOBER DISBURSEMENTS

Blown Fuse Printing \$19.97

Blown Fuse Postage 14.06

SBC (W6CUS) 22.29

Total Oct. Disbursements \$56.32

BANK OF THE WEST ACCOUNTS

Checking (General Fund) \$3,492.29

Savings (Station Fund*) \$3,280.10

*\$460 earmarked for W6CUS Roofing Fund.

The 2006 membership dues are now being collected. Please renew as soon as possible, as it is helpful for future planning as we start the new year. Regular individual membership is \$25, and family membership is \$30 per year.

2006 EBARC Membership Renewal

Name

Call Sign

License Class (circle)
N T T+ G A E

Street

City, State, Zip

Phone (include area code)

e-mail address

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests,
and any non-ham skills or hobbies

Support EBARC!

**Renew Early
Serve as a 2006 Officer**

4Cs/EBARC Holiday Party

December 10, 2005

1:00 p.m. (Seating begins at 12:30)

Bakers Square
1680 Willow Pass Rd., Concord, CA

Name(s) _____

Call Sign(s) _____

Adults (number for each entrée & pie)

- ☐ Turkey Breast
- ☐ Salmon
- ☐ Yorkshire Pot Roast
- ☐ Chicken & Vegetable Stir Fry
- ☐ Cup of today's soup
- ☐ Salad
- ☐ Apple Pie
- ☐ Pumpkin Pie
- ☐ Whip Cream, ☐ No Whip Cream

Children (number for each entrée & pie)

- ☐ Cheesy Macaroni
- ☐ Chicken Strips
- ☐ Turkey and Mashed Potatoes
- ☐ Kid's Pasta
- ☐ Apple Pie
- ☐ Pumpkin Pie

All meals include coffee or a soft drink and pie

_____ @ \$ 18. 00 per Adult = \$ _____

_____ @ \$ 5. 00 per Child = \$ _____

Total = \$ _____

Make check payable to: "Contra Costa
Communication Club"

Mail to: PO Box 20661, El Sobrante, CA 94820-
0661

**Payment and Reservation Form must
be received by November 30, 2005!**

EBARC Roster Update

- **NEW EMAIL:** Joe Lee, W6DOB, has a new email address; w6dob@arrl.net
- **NEW PHONE:** Bob Uhrhammer, WB6VEX, has a new home phone during the remodeling of his home: 510-232-4387.

Future Bay Area Events

- 4Cs/EBARC Holiday Party, Dec. 10, 2005, 1 p.m., Bakers Square, 1680 Willow Pass Rd., Concord, CA
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
- EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The sessions for 2006 are; Jan. 22nd, Apr. 23rd, Jul. 23rd, and Oct. 22nd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2006 fee (and retest fee) will be set in November. For info call; 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.

Notes from Ye Olde Editor

The deadline for December's Blown Fuse is earlier than usual (to allow for Thanksgiving). Submissions for the December issue are due Monday, Nov. 21st.

The list of officers and nets is being omitted from the printed *Blown Fuse* this month to save printing costs. It'll be back next month.

Nominations for 2006 Officers weren't received by the *Blown Fuse* deadline.

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, W17YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(619) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102, 94085
(408) 736-9496
(800) 854-6046
Rick N6DQ, Co-Mgr.
Howard, W6HOC, Co-Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Hiatt Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KD0GA, Co-Mgr.
John, N5EHP, Co-Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBIDGE, VA
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
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KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-In TNC, DX packet cluster
- Backlit Front Key Panel

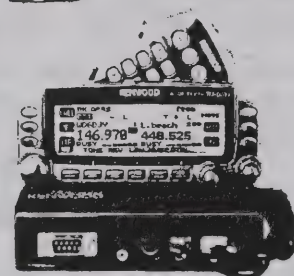
Low Intro Price!



TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

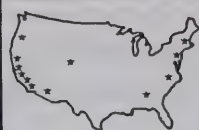
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Low Pricing!



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The Ultimate Radio!

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- Auto Dialer

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Low Pricing!

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VX-7R

- 50/2M/220/440 HT
- Wideband RX
 - 900 Memories
 - 5W TX (300mw 220MHz)
 - Li-Ion Battery
 - Fully Submersible to 3 ft.
 - Built-in CTCSS/DCS
 - Internet WIRES compatible

Great Price!



NEW!

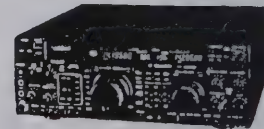


FT-857D

- Ultra compact HF, VHF, UHF
- 100w HF/6M, 50w 2M, 20w UHF
 - DSP included • 32 color display
 - 200 mems • Detachable front panel

(YSK-857 required)

Call for Low Price!



FT-1000MP MKV HF Trans.

- Enhanced Digital Signal Processing
- Dual RX
- Collins SSB filter built-in
- 200W, External power supply

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THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LVIII NUMBER 12

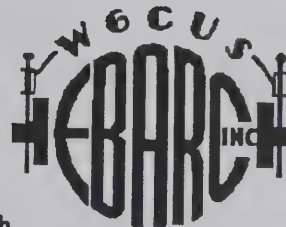
DECEMBER 2005



EBARC Meeting

December 9, 2005
7:30 p.m.

Program
To be announced



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at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m.
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Deadline for Jan. issue: Tuesday, Dec. 27

[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]

President's Soapbox Randy Jenkins, KA6BQF

The holidays are upon us, and I want to wish each of our members a joyous holiday season.

The slate of club officers was selected at our November Meeting. Gordon Parsons, NU6W was reelected as our Treasurer. Burgie Jones, KE6MSF, was elected as our Secretary. Sharon Primbsch, AA6XZ, was reelected as our Third Vice-president. Cheryl Johnson, KF6HEN, was elected as our Second Vice-president. Ron Smith, KE6RS, was elected as our First Vice-president. I was persuaded to be reelected again as President for one additional term. Burgie and Ron are both past Presidents and Cheryl is our former Secretary. I look forward to adding their experience and insights to the board. Additional Board Members are; John Wood, N6JDW; Bob Bowling, K6ZLG; Peter Hoffman, W6DEI, and Texx Woodworth, KG6ATH. Additional board and committee appointments and changes will be announced at the January meeting or in the January *Blown Fuse*.

I want to thank each of our outgoing 2005 officers for their years of service to the club.

Thanks to Bob Urhammer, WB6VEX, Texx Woodworth, KG6ATH, and Peter Gaposhkin, KB6WC. We look forward to their continued contributions to the club.

Our Field Day score is in. We did in fact do better than last year. In our 3A category, with 7498 points, we were 16th in North America and first in California. Thanks again to all of you who made our effort such a great success, with special thanks to our Field Day committee.

We are planning to schedule a class for the Technician License for the Spring Semester. If you would be interested in assisting with the class, contact our Education Chairman, John Wood, N6JDW.

It is also time to renew your membership. If you haven't already done so, please send in your 2006 membership dues. We believe that we have an exciting year coming up, and we would really like you to be part of it.

The ARRL and The Salvation Army are running a toy drive for the children affected by the hurricanes in the southeast. Toys go to: ARRL Toy Drive/The Salvation Army, 1775 Moriah Woods Blvd--Suite 12, Memphis, TN 38117-7125. See QST or the ARRL website for details. Please keep all of those who have been affected by the many trials that this year has presented in your hearts and minds.

The 4Cs / EBARC Holiday Party is coming up on Saturday, December 10. Reservations must be in by November 30. See last month's *Blown Fuse* for details.

We are working on another surprise program for the December meeting (no chickens this time). We hope to see you all at the next meeting, December 9th, 7:30 p.m., at the Salvation Army, 4600 Appian Way, El Sobrante.

73, Randy KA6BQF

Field Day 2005 Results

Peter Hoffman, W6DEI

We're Number One! At least among California stations in the 3A class for the 2005 Field Day as reported in this month's QST magazine. We moved up from the #3 position last year (which was also pretty darned respectable). Overall we placed 16th out of 287 stations in the 3A class, which put us at somewhere around the 95th percentile. Way to go team!!! I just love to report good news!

2006 EBARC Membership Renewal

Name

Call Sign

N T T+ G A E
License Class (circle)

Street

City, State, Zip

Phone (include area code)

e-mail address

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular \$25, Family \$30, K-12 \$10

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Future Bay Area Events

- 4Cs/EBARC Holiday Party, Dec. 10, 2005, 1 p.m., Bakers Square, 1680 Willow Pass Rd., Concord, CA
 - Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html (new, permanent location!)
 - EBARC and ORCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The sessions for 2006 are; Jan. 22nd, Apr. 23rd, Jul. 23rd, and Oct. 22nd. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2006 fee (and retest fee) will be set in November. For info call; 510-846-1587 or 510-741-8227.
 - CoCoCo RACES Training: Details, RACES net, 6:45 p.m. Thursdays on 145.11 MHz.
-

For Sale: Yaesu 757 transceiver, antenna tuner, power supply, dynamic microphone, and all technical manuals. Bill Read, WD6AKC, 510-526-8002, 606 Grizzly Peak Blvd., Berkeley, 94708. Bill plans to give half the proceeds to EBARC [*mch tnx, Bill – Editor*]

ARRL Files Regulation-By-Bandwidth Petition with FCC

[From The ARRL Letter, November 18, 2005]

The ARRL has formally asked the FCC to adopt the League's plan to segment the Amateur Radio bands solely by emission bandwidth rather than by mode. The Petition for Rule Making, filed November 14, recommends what the ARRL called "a shift in regulatory philosophy" that would encourage and facilitate the development and refinement of digital techniques and advanced technologies. At the same time, the League said, accommodating new technologies would

not come at the expense of current operating modes, including double-sideband AM phone.

"This petition seeks for the Amateur Radio Service the flexibility to experiment with new digital transmission methods and types to be developed in the future," the League's petition said, "while permitting present operating modes to continue to be used for as long as there are radio amateurs who wish to use them." The ARRL said the changes it suggests will also update the FCC's rules and eliminate the need for "cumbersome procedures" to determine whether a new digital mode is legal under Part 97.

The ARRL's regulation-by-bandwidth plan is far from a done deal. In order for it to be adopted, the FCC first must put the League's Petition for Rule Making on public notice and invite formal public comments. A subsequent Notice of Proposed Rule Making would kick off a further round of formal comments. Ultimately, the FCC would have to issue a Report and Order putting the changes into place and setting an effective date.

The League conceded that its regulation-by-bandwidth regime would place increased responsibility on the amateur community to establish workable, accepted band plans, but it expressed confidence that such an effort would be successful.

The petition filed this week has been in the works for some time now. The ARRL Board of Directors adopted the petition's guiding principle in 2002 and invited comments from the Amateur Radio community in the summer of 2004. The proposal reflects expert input from the ARRL Ad Hoc HF Digital Committee as well as from ARRL staff. Comments from League members and an ARRL Executive Committee review led to further fine tuning.

The ARRL wants the FCC to replace the table at §97.305(c) with a new one that segment bands by bandwidths ranging from 200 Hz to 100 kHz. Unaffected by the ARRL's

recommendations, if they're adopted, would be 160 and 60 meters. Subbands in other bands below 29 MHz would accommodate maximum emission bandwidths of 200, 500 or 3.5 kHz, with an exception of 9 kHz for AM phone.

The League's petition "seeks to facilitate and encourage the development, refinement and use of new digital technologies without the regulatory remnants developed at a time when the principal emissions used in the Amateur Radio Service were Morse telegraphy and single- or double-sideband amplitude-modulated telephony." Part 97 rules need to permit higher data rates between 1.8 and 450 MHz to encourage development of digital multimedia technology, "which has great promise for improving and fostering more effective emergency and disaster relief communications," the petition asserted.

"This petition does not favor one mode at the expense of another," the ARRL concluded in urging FCC adoption. "It merely allows expansion of the repertoire of options that amateurs may pursue compatibly."

ARRL CEO David Sumner, K1ZZ, discussed the subject of regulating by bandwidth in three "It Seems to Us . . ." QST editorials: "Regulation by Bandwidth" in September 2004, "Narrowing the Bandwidth Issues" in April 2005 and "Self Regulation" in October 2005.

The text of the ARRL's Petition for Rule Making is on the ARRL Web site <<http://www.arrl.org/announce/regulatory/bandwidth/Bandwidth-Minute-64-Petition-FINAL.pdf>>.

EBARC Roster Update

- **NEW ADDRESS:** Bob Garfat, KF6LGE, has moved to 168 Kona Circle, Union City, CA, 94507-4207. His phone is 510-487-1094.
-

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are \$25 for individual membership, \$30 for a family membership, and \$10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.qsl.net/w6cus, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ, MHZ
West Contra Costa County ARES/RACES Net	Thurs	1845 (PL 82.5-)	145.110
Contra Costa Communications Club Net	Thurs	1930 (PL 82.5-)	145.110
Tech Net	Thurs	2000 (PL 82.5-)	145.110
NALCO RACES/ARES Net	Thurs	1915 (PL 131.8+)	440.900
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77-)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mo-Fr	0710 (PL 82.5-)	145.110
Northern Calif. Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mo-Fr	1600 (PL 82.5-)	145.110

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770
work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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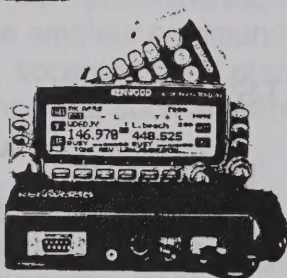
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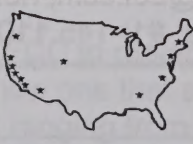
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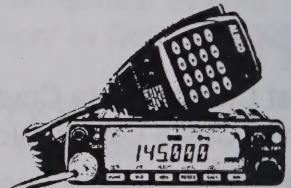
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